

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
					gallus]	
4478	U95098	Xenopus laevis mitotic phosphoprotein 44 mRNA, partial cds	0.13	<NONE>	<NONE>	<NONE>
4479	J03607	Human 40-kDa keratin intermediate filament precursor gene.	0	1070608	keratin 19, type I, cytoskeletal - human sapiens]	9e-068
4480	M90104	Human splicing factor SC35 mRNA, complete cds.	e-120	3929382	SPlicing FACTOR, ARGinine/Serine-Rich 10 (PUTATIVE MYELIN REGULATORY FACTOR 1) (MRF-1) >gi555924 (U14648) putative myelin regulatory factor 1; MRF-1 [Mus musculus]	1.1
4481	AF020762	Homo sapiens clone 1400 unknown protein mRNA, partial cds	6e-067	<NONE>	<NONE>	<NONE>
4482	AE001386	Plasmodium falciparum chromosome 2, section 23 of 73 of the complete sequence	0.72	<NONE>	<NONE>	<NONE>
4483	AF054868	Pseudomonas aeruginosa autoinducer synthetase chloramphenicol-sensitive protein (rarD), and hypothetical protein (yafL) gene...	0.005	1709793	SALIVARY PROLINE-RICH PROTEIN PO sapiens]	0.13
4484	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>

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	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4485	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4486	AE001406	Plasmodium falciparum chromosome 2, section 43 of 73 of the complete sequence	0.001	<NONE>	<NONE>	<NONE>
4487	AE001417	Plasmodium falciparum chromosome 2, section 54 of 73 of the complete sequence	2.1	<NONE>	<NONE>	<NONE>
4488	X90446	Canine herpesvirus DNA for ORF 1 (HSV1 UL44, EHV1 ORF 15 homolog) ORF2 (EHV1 ORF 16 homolog)	4.4	<NONE>	<NONE>	<NONE>
4489	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.17	4008355	(Z68297) Similarity to Yeast TAT-binding homolog 7 (SW:TBP7_YEAST); cDNA EST EMBL:D37124 comes from this gene; cDNA EST EMBL:D35150 comes from this gene; cDNA EST EMBL:D35400 comes from this gene; cDNA EST EMBL:D34900 comes ... >gi 4008373 gnl PI D e135984	3e-007
4490	D78130	Homo sapiens mRNA for squalene epoxidase, complete cds	0	2443316	(D78130) squalene epoxidase [Homo sapiens]	5e-008
4491	L18931	Buchnera aphidicola Arginyl tRNA synthetase	0.16	<NONE>	<NONE>	<NONE>



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	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
		promoter region.				
4492	X17206	Human mRNA for LLRep3	e-112	1350976	40S RIBOSOMAL PROTEIN S2 >gi 939718	2e-005
4493	D28473	Human T-lymphocyte mRNA for isoleucyl-tRNA synthetase, complete cds	e-157	440799	(U04953) isoleucyl-tRNA synthetase [Homo sapiens]	3e-005
4494	L13624	Cercopithecus aethiops C4 complement	3.6	<NONE>	<NONE>	<NONE>
4495	M13011	Rat c-ras-H-1 gene, complete cds.	0.25	<NONE>	<NONE>	<NONE>
4496	Y10252	L.japonicus panC gene	0.38	627071	histidine-rich protein - Plasmodium lophurae	4.4
4497	X76683	Plasmid vector pHM2 betalactamase gene	1e-093	987050	(X65335) lacZ gene product [unidentified cloning vector]	3e-015
4498	M24486	Human prolyl 4-hydroxylase alpha subunit mRNA, complete cds, clone PA-11.	0	129365	PROLYL 4-HYDROXYLASE ALPHA SUBUNIT 1.14.11.2) alpha chain - chicken	2e-057
4499	D80004	Human mRNA for KIAA0182 gene, partial cds	2e-068	<NONE>	<NONE>	<NONE>
4500	U22233	Human methylthioadenosine phosphorylase (MTAP) mRNA, complete cds.	0	<NONE>	<NONE>	<NONE>
4501	D63875	Human mRNA for KIAA0155 gene, complete cds > :: gb G28541 G28541 human STS SHGC-31621.	0	961442	(D63875) KIAA0155 gene product is related to C.elegans B0464.2 protein. [Homo sapiens]	2e-019

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	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4502	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4503	X85018	H.sapiens mRNA for UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase (T1)	e-110	1709559	POLYPEPTIDE N-ACETYL GALACTOSAMINYLTRANSFERASE (PROTEIN-UDP ACETYL GALACTOSAMINYLTRANSFERASE) N-ACETYL GALACTOSAMINYLTRANSFERASE (GALNAc-T1) polypeptide N-acetylgalactosaminyltransferase [Rattus norvegicus]	2e-018
4504	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4505	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4506	AF067782	Papio hamadryas BC200 alpha scRNA gene, complete sequence	0.48	<NONE>	<NONE>	<NONE>
4507	AF073298	Homo sapiens 4F5rel mRNA, complete cds	e-166	3641536	(AF073297) 4F5rel [Mus musculus] >gi 3641538 (AF073298) 4F5rel [Homo sapiens]	3e-013
4508	M12922	Yeast (S.cerevisiae) chromosome III L terminal region DNA.	2e-010	188864	(M74027) mucin [Homo sapiens]	6e-023
4509	X69524	M.squamata cabcl mRNA for chlorophyll a/b/c binding protein precursor	1.3	<NONE>	<NONE>	<NONE>
4510	U95098	Xenopus laevis mitotic phosphoprotein 44 mRNA, partial cds	1.2	<NONE>	<NONE>	<NONE>

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	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4512	U12404	Human Csa-19 mRNA, complete cds.	0	1709973	60S RIBOSOMAL PROTEIN L10A (CSA-19)	4e-056
4513	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	8e-014	<NONE>	<NONE>	<NONE>
4514	<NONE>	<NONE>	<NONE>	121627	GLYCINE-RICH CELL WALL STRUCTURAL PROTEIN I PRECURSOR >gi 82244 pir  A26099 glycine-rich cell wall structural protein - garden petunia >gi 20553 hybrida] >gi 225181 prf  1210313A Gly rich structural protein [Petunia sp.]	2e-030
4515	D87255	Hepatitis G virus RNA for polyprotein, complete cds	0.19	930045	(X15332) alpha-1 (III) collagen [Homo sapiens]	0.002
4516	U31820	Gallus gallus Mel-1a melatonin receptor mRNA, complete cds.	3.3	1718187	ENVELOPE GLYCOPROTEIN GP340 glycoprotein 350/220 - human herpesvirus 4 >gi 59164 virus] >gi 306293 (L07923) glycoprotein 340	0.096
4517	X68107	M.sativa msCHSII mRNA for chalcone synthase	3.4	<NONE>	<NONE>	<NONE>
4518	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4519	U95098	Xenopus laevis mitotic phosphoprotein 44 mRNA, partial cds	6e-006	1065484	(U40415) similar to S. cerevisiae LAG1 (SP:P38703)	0.001

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	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4520	D87671	Rat mRNA for TIP120, complete cds	1e-043	1799570	(D87671) TIP120 [Rattus norvegicus]	0.01
4521	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4522	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4523	X16869	Human mRNA for elongation factor 1-alpha (clone CEF4)	4e-022	1085204	translation elongation factor eEF-1 alpha chain - zebra fish >gi 408805 (L23807) elongation factor 1-alpha [Danio rerio] >gi 454915 (X77689) translational elongation factor-1 alpha [Danio rerio] >gi 1009241 rerio] >gi 1091578 prf 2021264A elongation fact	5.1
4524	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	3e-010	<NONE>	<NONE>	<NONE>
4525	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-007	<NONE>	<NONE>	<NONE>
4526	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4527	AF069250	Homo sapiens okadaic acid-inducible phosphoprotein (OA48-18) mRNA, complete cds	7e-080	3037018	(AF041330) NADH dehydrogenase subunit 5 [Bodo saltans]	0.0001
4528	AF069250	Homo sapiens okadaic acid-inducible phosphoprotein (OA48-18) mRNA, complete cds	7e-080	3037018	(AF041330) NADH dehydrogenase subunit 5 [Bodo saltans]	0.0001

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	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4529	U66532	Human beta4-integrin (ITGB4) gene, exons 7,8,9,10,11 and 12	0.51	119110	EBNA-1 NUCLEAR PROTEIN herpesvirus 4 (strain B95-8) >gi 1334880 (V01555) BKRF1 encodes EBNA-1 protein, latent cycle gene. [Human herpesvirus 4]	1e-023
4530	X65319	Cloning vector pCAT-Enhancer	1e-074	987050	(X65335) lacZ gene product [unidentified cloning vector]	8e-011
4531	AJ010841	Homo sapiens mRNA for putative thioredoxin-like protein	8e-028	3646128	(AJ010841) thioredoxin-like protein	0.062
4532	D14034	Human gene for Zn-alpha2-glycoprotein, complete cds	0.005	<NONE>	<NONE>	<NONE>
4533	M12670	Human fibroblast collagenase inhibitor mRNA, complete cds.	6e-098	1351250	METALLOPROTEINASE INHIBITOR 1 PRECURSOR (TIMP-1) >gi 1363927 pir  J C4303 matrix metalloproteinase-1 tissue inhibitor - baboon >gi 561546 hamadryas cynocephalus]	7e-008
4534	M17196	A.californica (marine gastropod mollusc) neuropeptide gene (ganglion R14), exon 1, 5' end.	0.019	2135765	mucin 2 precursor, intestinal - human	0.003
4535	AJ001454	Homo sapiens mRNA for testican-3	1.4	<NONE>	<NONE>	<NONE>

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	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4536	X75757	G.gallus cycB3 mRNA.	9e-040	729112	G2/MITOTIC-SPECIFIC CYCLIN B3	9e-019
4537	Z27116	S.cerevisiae HBS1, MRP-L20 and PRP-16 genes	0.058	<NONE>	<NONE>	<NONE>
4538	AF083322	Homo sapiens centriole associated protein CEP110 mRNA, complete cds	9e-051	1079393	chromokinesin - chicken >gi 603761 (U18309) chromokinesin [Gallus gallus]	0.012
4539	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4540	M26325	Human cyokeratin 18 mRNA, 3' end.	0	125083	KERATIN, TYPE I CYTOSKELETAL 18 keratin 18, type I, cytoskeletal - human >gi 34037	2e-093
4541	U37066	Human endogenous retrovirus strain XA38 pol polyprotein (pol) gene, partial cds	1.3	252486	P-selectin, CD62 [mice, Peptide, 768 aa] musculus]	1.8
4542	Z30543	Turkey herpesvirus (HVT-delUs-Beta1 PKI3) gene for protein kinase	2e-027	<NONE>	<NONE>	<NONE>
4543	M90077	Wheat translation elongation factor 1 alpha-subunit (TEF1) mRNA, complete cds.	0.14	<NONE>	<NONE>	<NONE>
4544	AJ001235	Papio hamadryas ERV-9 like LTR insertion	2e-044	<NONE>	<NONE>	<NONE>
4545	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4546	AF100654	Caenorhabditis elegans cosmid C24E9	0.41	<NONE>	<NONE>	<NONE>
4547	L28821	Homo sapiens alpha mannosidase II isozyme mRNA, complete cds.	0	1679607	(X97650) myosin-I [Mus musculus]	4.5

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	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4548	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	4e-013	<NONE>	<NONE>	<NONE>
4549	L20140	Zea mays pollen specific pectate lyase homologue gene, complete cds.	0.92	<NONE>	<NONE>	<NONE>
4550	U33955	Human Down Syndrome region of chromosome 21, genomic sequence, clone A12H1-1F2.	4.4	<NONE>	<NONE>	<NONE>
4551	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	0.0005	<NONE>	<NONE>	<NONE>
4552	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	0.042	<NONE>	<NONE>	<NONE>
4553	X12660	Human chromosome 14 Ig JH (switch mu) DNA showing scattered homology to bcl2 gene exon 2 3'UTR	1e-006	2117245	(Z95586) hypothetical protein Rv1592c	2.1
4554	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.002	284314	modulator recognition factor 1 - human factor 1 [Homo sapiens]	7.1
4555	AF070523	Homo sapiens JWA protein mRNA, complete cds	0	3322740	(AE001222) conserved hypothetical protein [Treponema pallidum]	5.9
4556	Z11900	H.sapiens OTF3 gene	0.13	<NONE>	<NONE>	<NONE>

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	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4557	M24972	D.discoideum CT-rich satellite rDNA, clone pCT8.	4e-007	2605798	(AF027735) minor ampullate silk protein MiSp1 [Nephila clavipes]	5.30E-01
4558	U95098	Xenopus laevis mitotic phosphoprotein 44 mRNA, partial cds	8e-007	<NONE>	<NONE>	<NONE>
4559	D32056	Human gene for 2-oxoglutarate dehydrogenase, exon 1 sequence	0.06	<NONE>	<NONE>	<NONE>
4560	AF034085	Caenorhabditis elegans UNC-45 (unc-45) gene, complete cds	0.025	1652167	(D90903) hypothetical protein	4.8
4561	AF091242	Homo sapiens ATP sulfurylase/APS kinase 2 mRNA, complete cds	0.0003	<NONE>	<NONE>	<NONE>
4562	M31520	Human ribosomal protein S24 mRNA.	1e-031	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	5.7
4563	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4564	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	0.0005	<NONE>	<NONE>	<NONE>
4565	AB015432	Rattus norvegicus mRNA for LAT1 (L-type amino acid transporter 1), complete cds	4e-022	1665759	(D87432) Similar to Schistosoma mansoni amino acid permease (L25068). [Homo sapiens]	5e-024
4566	AE001397	Plasmodium falciparum chromosome 2, section 34 of 73 of the complete sequence	0.0005	3875266	(Z77655) predicted using Genefinder; similar to 7tm receptor [Caenorhabditis elegans]	5.90E+00



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	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4567	AE001397	Plasmodium falciparum chromosome 2, section 34 of 73 of the complete sequence	0.0005	3875266	(Z77655) predicted using Genefinder; similar to 7tm receptor [Caenorhabditis elegans]	5.90E+00
4568	Y15155	Homo sapiens PHKB gene, exon 8, and repetitive elements	4e-033	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	5.7
4569	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2.00E-03	2622750	(AE000921) DNA topoisomerase I [Methanobacterium thermoautotrophicum]	2.6
4570	AE000688	Aquifex aeolicus section 20 of 109 of the complete genome	4.5	<NONE>	<NONE>	<NONE>
4571	Z95123	Caenorhabditis elegans cosmid VZK8221, complete sequence [Caenorhabditis elegans]	0.4	<NONE>	<NONE>	<NONE>
4572	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	3.00E-08	<NONE>	<NONE>	<NONE>
4573	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	4e-012	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	3.3
4574	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	7e-006	<NONE>	<NONE>	<NONE>
4575	U18671	Human Stat2 gene, complete cds.	2e-023	728831	!!!! ALU SUBFAMILY J WARNING ENTRY	0.002

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	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4576	Z83241	Caenorhabditis elegans cosmid T25C8, complete sequence [Caenorhabditis elegans]	1.1	1176988	IOLD PROTEIN protein [Bacillus subtilis] >gi 2636519 gnl PI D e1184698 catabolism [Bacillus subtilis]	5.3
4577	L04690	Cricetulus griseus cholesterol 7-alpha-hydroxylase gene, complete cds. > :: gb I26617 I26617 Sequence 35 from patent US 5558999 > :: gb AR008072 AR 008072 Sequence 35 from patent US 5753431	3.2	212906	(L02621) intestinal zipper protein [Gallus gallus]	4.1
4578	Z54191	A.pleuropneumoniae tfbB gene encoding transferrin receptor.	0.54	2102696	(U72761) karyopherin beta 3 [Homo sapiens]	8.6
4579	X17025	Human homolog of yeast IPP isomerase > :: gb G27043 G27043 human STS SHGC-31614.	2e-035	<NONE>	<NONE>	<NONE>
4580	L32977	Homo sapiens (clone f17252) ubiquinol cytochrome c reductase Rieske iron-sulphur protein (UQCRFS1) gene, exon 2	0.00E+00	1351361	UBIQUINOL-CYTOCHROME C REDUCTASE IRON-SULFUR SUBUNIT PRECURSOR (RIESKE IRON-SULFUR PROTEIN) (RISP) >gi 488299 (L32977) Rieske Fe-S protein	1e-070
4581	M26708	Human prothymosin alpha mRNA (ProT-alpha), complete cds.	0	190369	(J04798) open reading frame A; putative [Homo sapiens]	6e-018

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4582	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-014	2314130	(AE000607) H. pylori predicted coding region HP0985	3.3
4583	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	4e-011	1236083	(U49507) Lisch7 [Mus musculus]	4.3
4584	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-014	348196	(L19917) immunoglobulin heavy-chain subgroup VIII V- D-J region [Homo sapiens]	9.7
4585	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4586	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4587	X52601	H.sapiens hTOP1 gene for topoisomerase, 5'end	4.6	<NONE>	<NONE>	<NONE>
4588	AF038604	Caenorhabditis elegans cosmid B0546	0.17	<NONE>	<NONE>	<NONE>
4589	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4590	U23441	Tetrahymena thermophila B internal deletion sequence.	0.0005	1469281	(U08801) envelope glycoprotein [Human immunodeficiency virus type 1]	1.1
4591	AC005276	Homo sapiens clone fragment UWGC:gap3 from 7q31.3, complete sequence [Homo sapiens]	0.009	<NONE>	<NONE>	<NONE>
4592	D84117	Homo sapiens DNA for prostacyclin synthase, exon 3	0.48	<NONE>	<NONE>	<NONE>
4593	U28153	Caenorhabditis elegans UNC-76 (unc-76) gene, complete cds.	1.30E-01	<NONE>	<NONE>	<NONE>

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	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4594	U67274	Human metastasis suppressor (KAI1) gene, exon 1, and complete cds	1e-008	<NONE>	<NONE>	<NONE>
4595	AF009621	Onchocerca volvulus cytosolic Cu/Zn superoxide dismutase (OvSOD1) and extracellular Cu/Zn superoxide dismutase (OvSOD2) genes, complete cds	4	<NONE>	<NONE>	<NONE>
4596	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4597	<NONE>	<NONE>	<NONE>	2078483	(U43200) antifreeze glycopeptide AFGP polypeptide precursor [Boreogadus saida]	0.78
4598	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4599	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4600	AL021806	Homo sapiens DNA sequence from PAC 779B17 on chromosome 22q13.1. Contains exon trap, complete sequence	4e-029	728836	!!!! ALU SUBFAMILY SP WARNING ENTRY	0.002
4601	AL022222	Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-118, complete sequence	4.9	<NONE>	<NONE>	<NONE>
4602	Z73149	N.tabacum DNA (recombination breakpoint between T-DNA and plant DNA)	1.6	<NONE>	<NONE>	<NONE>

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4603	AF082835	Mus spretus E6-AP ubiquitin-protein ligase	4	<NONE>	<NONE>	<NONE>
4604	AF050123	Homo sapiens hypoxia-inducible factor 1 alpha subunit (HIF1A) gene, exon 10	3e-009	728838	!!!! ALU SUBFAMILY SX WARNING ENTRY	6.7
4605	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	7e-006	<NONE>	<NONE>	<NONE>
4606	AF001355	Pseudomonas syringae pv. syringae DNA binding protein HpkR (hpkR), histidine protein kinase HpkY (hpkY), phosphate acceptor regulatory protein CheY-2 (cheY-2), ankyrin AnkF (ankF), and catalase isozyme catalytic subuni...	2.1	3041736	TRANSCRIPTION FACTOR SOX-11	8.9
4607	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	8.00E-08	3123155	HYPOTHETICAL 49.0 KD TRP-ASP REPEATS CONTAINING PROTEIN F55F8.5 IN CHROMOSOME I family [Caenorhabditis elegans]	2e-027
4608	<NONE>	<NONE>	<NONE>	1170978	MYOCYTE NUCLEAR FACTOR (MNF) [musculus]	0.18
4609	U95098	Xenopus laevis mitotic phosphoprotein 44 mRNA, partial cds	4e-009	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	8.9

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4610	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-007	<NONE>	<NONE>	<NONE>
4611	X75861	H.sapiens TEGT gene	e-177	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	2.8
4612	U19867	Cloning vector pSPL3, exon splicing vector, complete sequence, HIV envelope protein gp160 and beta- lactamase, complete cds.	5e-055	987050	(X65335) lacZ gene product [unidentified cloning vector]	3e-011
4613	U73332	Human non- coding genomic sequence upstream from unique L0 sequence in the alpha-globin gene cluster	8e-008	<NONE>	<NONE>	<NONE>
4614	<NONE>	<NONE>	<NONE>	193952	(J03770) homeobox protein [Mus musculus]	6
4615	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	6e-006	586875	HYPOTHETICAL 29.2 KD PROTEIN IN METS-KSGA INTERGENIC REGION >gi 2127033 pir  S 66068 hypothetical protein - Bacillus subtilis subtilis] >gi 2632306 gn  PI D e1181972 (Z99104) similar to hypothetical proteins [Bacillus subtilis]	5e-019
4616	K00384	Yeast (S.cerevisiae) mitochondrial var1 gene, 5'	0.001	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
		flank.				
4617	J04628	Rattus norvegicus 3-hydroxyiso- butyrate mRNA, 3' end.	e-154	416873	3- HYDROXYISOB UTYRATE DEHYDROGENA SE PRECURSOR (HIBADH) >gi 111295 pir  A3 2867 3- hydroxyisobutyrat e dehydrogenase (EC 1.1.1.31) precursor - rat (fragment) >gi 556389 (J04628) 3- hydroxyisobutyrat e dehydrogenase [Rattus norvegicus]	1e-049
4618	U95098	Xenopus laevis mitotic phosphoprotein 44 mRNA, partial cds	0.38	<NONE>	<NONE>	<NONE>
4619	U10361	Saccharomyces cerevisiae Snf8p (SNF8) gene, complete cds.	2.7	<NONE>	<NONE>	<NONE>
4620	D42044	Human mRNA for KIAA0090 gene, partial cds	e-151	577301	(D42044) The ha3523 gene product is related to S.cerevisiae gene product located in chromosome III. [Homo sapiens]	4e-052
4621	U10361	Saccharomyces cerevisiae Snf8p (SNF8) gene, complete cds.	2.7	<NONE>	<NONE>	<NONE>
4622	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4623	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	3.00E-10	<NONE>	<NONE>	<NONE>
4624	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	3.00E-10	<NONE>	<NONE>	<NONE>
4625	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4626	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4627	X06747	Human hnRNP core protein A1	7e-049	87650	heterogeneous ribonuclear particle protein A1.beta - human >gi 36102 (X06747) protein A1-alpha (AA 1-320) [Homo sapiens]	6e-005
4628	X03559	Human mRNA for F1-ATPase beta subunit (F-1 beta) > :: dbj D00022 HUM F1B Homo sapiens mRNA for F1 beta subunit, complete cds	e-100	114549	ATP SYNTHASE BETA CHAIN, MITOCHONDRIAL PRECURSOR >gi 106207 pir A33370 H+-transporting ATP synthase (EC 3.6.1.34) beta chain precursor, mitochondrial - human >gi 179281 (M27132) ATP synthase beta subunit precursor [Homo sapiens]	2e-024
4629	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4630	K00915	paramecium species 1,168 mt dna dimer: replication init. region.	7.00E-05	<NONE>	<NONE>	<NONE>
4631	K00915	paramecium species 1,168 mt dna dimer: replication init. region.	7.00E-05	<NONE>	<NONE>	<NONE>
4632	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>



SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4633	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4634	Z28261	S.cerevisiae chromosome XI reading frame ORF YKR036c	0.042	417748	PROTEIN TRANSPORT PROTEIN SEC13	0.0002
4635	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-005	<NONE>	<NONE>	<NONE>
4636	AF088034	Homo sapiens full length insert cDNA clone ZC24F03	0	854598	(X87611) ORF YJR83.18 [Saccharomyces cerevisiae]	2e-024
4637	M83094	Homo sapiens cytosolic selenium-dependent glutathione peroxidase gene, complete cds, and rhoh12 gene, 3' end.	3.00E-08	<NONE>	<NONE>	<NONE>
4638	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-006	1176711	HYPOTHETICAL 21.6 KD PROTEIN F37A4.2 IN CHROMOSOME III >gi 1078851 pir  S44639 F37A4.2 protein - Caenorhabditis elegans >gi 458960	2e-017
4639	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-006	1176711	HYPOTHETICAL 21.6 KD PROTEIN F37A4.2 IN CHROMOSOME III >gi 1078851 pir  S44639 F37A4.2 protein - Caenorhabditis elegans >gi 458960	2e-017

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4640	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-006	<NONE>	<NONE>	<NONE>
4641	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-006	<NONE>	<NONE>	<NONE>
4642	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-005	4056582	(AF039530) RepA [Egyptian sugarcane streak virus]	3.4
4643	U96174	Onchocerca volvulus OvB8 mRNA, partial cds	3.2	<NONE>	<NONE>	<NONE>
4644	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4645	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	6e-005	3236220	(U62541) immunoreactive 14 kDa protein BA14k [Brucella abortus]	4.5
4646	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	6e-005	3236220	(U62541) immunoreactive 14 kDa protein BA14k [Brucella abortus]	4.5
4647	AL010224	Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 4-04, complete sequence	0.003	2492906	ANNEXIN VII (SYNEXIN) frog >gi 790544 (U16365) annexin VII [Xenopus laevis]	1.4
4648	L39413	Atractylodes japonica chloroplast NADH dehydrogenase (ndhF) gene, complete cds	0.003	<NONE>	<NONE>	<NONE>
4649	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete	4e-013	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
		cds				
4650	U79403	Meleagris gallopavo microsatellite repeat sequence	0.46	2498691	OUTER DENSE FIBER PROTEIN bovine >gi 1165006 (X69514) outer dense fiber protein protein [Bos taurus]	1.4
4651	U27780	Stealth virus 1 clone C16138 T3.1	2	<NONE>	<NONE>	<NONE>
4652	U27780	Stealth virus 1 clone C16138 T3.1	2	<NONE>	<NONE>	<NONE>
4653	U78817	Saccharomyces cerevisiae killer virus M1, complete genome	0.026	<NONE>	<NONE>	<NONE>
4654	U78817	Saccharomyces cerevisiae killer virus M1, complete genome	0.026	<NONE>	<NONE>	<NONE>
4655	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4656	X07036	Human mRNA stimulatory GTP-binding protein alpha subunit	3e-071	232142	GUANINE NUCLEOTIDE-BINDING PROTEIN G(S), ALPHA SUBUNIT (ADENYLATE CYCLASE-STIMULATING G ALPHA PROTEIN) >gi 71886 pir  RG PGA2 GTP-binding regulatory protein Gs alpha-2 chain (adenylate cyclase-stimulating) - pig >gi 1958 (X63893) alpha-stimulatory subunit	8e-027

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4657	L05586	Kinetoplast Trypanosoma brucei (IsTaR 1 serodeme) putative NADH dehydrogenase subunit (nd9) mRNA, complete cds.	0.0001	4063042	(AF068065) GP900; mucin-like glycoprotein [Cryptosporidium parvum]	0.19
4658	AF044763	Cecropis ariel microsatellite HrU6 allele 1 repeat region	3e-006	<NONE>	<NONE>	<NONE>
4659	X82630	A.longa plastid rps12, orf126 and orf288 genes	0.22	<NONE>	<NONE>	<NONE>
4660	U68098	Human poly(A)- binding protein (PABP) gene, exons 6 and 7	0.023	<NONE>	<NONE>	<NONE>
4661	U68098	Human poly(A)- binding protein (PABP) gene, exons 6 and 7	0.023	<NONE>	<NONE>	<NONE>
4662	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-011	1022683	(U23146) SSeCKS [Rattus norvegicus]	1.4
4663	M15353	Homo sapiens cap-binding protein mRNA, complete cds	0	<NONE>	<NONE>	<NONE>
4664	Z57610	H.sapiens CpG DNA, clone 187a10, reverse read cpg187a10.rt1a.	3e-048	417134	HEPATOCYTE NUCLEAR FACTOR 3-BETA norvegicus]	2.00E-10
4665	L11707	Hevea brasiliensis Mn- superoxide dismutase (SODMn) gene, complete cds.	2.6	<NONE>	<NONE>	<NONE>
4666	D42073	Human mRNA for reticulocalbin, complete cds	3e-019	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	6.4

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4667	L12350	Human thrombospondin 2 (THBS2) mRNA, complete cds.	0	<NONE>	<NONE>	<NONE>
4668	L11707	Hevea brasiliensis Mn-superoxide dismutase (SODMn) gene, complete cds.	2.6	<NONE>	<NONE>	<NONE>
4669	AC000043	Homo sapiens Chromosome 22q13 Cosmid Clone p74a8, complete sequence [Homo sapiens]	2e-016	134589	TRANSCRIPTIO N REGULATORY PROTEIN SNF2 SWI2) (REGULATORY PROTEIN GAM1) (TRANSCRIPTIO N FACTOR TYE3) >gi 101629 pir  S1 5047 SNF2 protein - yeast protein [Saccharomyces cerevisiae] >gi 172632 (M61703) SNF2protein [Saccharomyces cerevisiae] cerevisiae] >gi 127	1.5
4670	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	6e-006	69700	interleukin-1 beta precursor - bovine	0.6
4671	U44975	Homo sapiens DNA-binding protein CPBP (CPBP) mRNA, partial cds	2e-045	1848233	(U44975) DNA-binding protein CPBP [Homo sapiens]	0.009

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4672	AF038406	Homo sapiens NADH dehydrogenase-ubiquinone Fe-S protein 8 23 kDa subunit (NDUFS8) gene, nuclear gene encoding mitochondrial protein, complete cds	0	2326168	(U32107) type VII collagen [Mus musculus]	1.5
4673	X67951	H.sapiens mRNA for proliferation-associated gene	0	548453	THIOREDOXIN PEROXIDASE 2 CELL ENHANCING FACTOR A) (NKEF-A) >gi 423025 pir  A46711 proliferation associated gene (pag) protein - human gene product [Homo sapiens]	2e-083
4674	AC001013	Homo sapiens (subclone 2_d1 from P1 H43) DNA sequence	2e-017	2072961	(U93568) putative p150 [Homo sapiens]	0.0001
4675	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	4e-012	1589837	(U68729) cuticle preprocollagen [Meloidogyne incognita]	0.035
4676	M15353	Homo sapiens cap-binding protein mRNA, complete cds	0	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4677	M37583	Human histone (H2A.Z) mRNA, complete cds.	0	121994	HISTONE H2A.Z >gi 89608 pir  S03 642 histone H2A.Z - bovine >gi 92380 pir  S03 644 histone H2A.Z - rat >gi 106267 pir  A3 5881 histone H2A.Z - human sapiens] >gi 57808 (X52316) histone H2A.Z (AA 1- 127) taurus] >gi 184060 (M37583) histone (H2A.Z) [Homo sapien	1e-055
4678	M15353	Homo sapiens cap-binding protein mRNA, complete cds	0	<NONE>	<NONE>	<NONE>
4679	Z57610	H.sapiens CpG DNA, clone 187a10, reverse read cpg187a10.rtl a .	4e-094	404764	(L10409) fork head related protein [Mus musculus]	4e-024
4680	Z57610	H.sapiens CpG DNA, clone 187a10, reverse read cpg187a10.rtl a .	4e-094	404764	(L10409) fork head related protein [Mus musculus]	4e-024
4681	Z57610	H.sapiens CpG DNA, clone 187a10, reverse read cpg187a10.rtl a .	4e-094	404764	(L10409) fork head related protein [Mus musculus]	4e-024
4682	L11707	Hevea brasiliensis Mn-superoxide dismutase (SODMn) gene, complete cds.	2.6	<NONE>	<NONE>	<NONE>
4683	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4684	<NONE>	<NONE>	<NONE>	2114323	(D88734) membrane glycoprotein [Equine herpesvirus 1]	0.052

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4685	AJ224875	Homo sapiens mRNA for putative glucosyltransferase, partial cds	0	2996578	(AJ224875) glucosyltransferase [Homo sapiens]	e-118
4686	AB019534	Homo sapiens gene for cathepsin L2, complete cds	2e-045	<NONE>	<NONE>	<NONE>
4687	J03799	Human colin carcinoma laminin-binding protein mRNA, complete cds.	e-166	34272	(X15005) pot. laminin-binding protein (AA 1 - 300) [Homo sapiens]	5e-032
4688	<NONE>	<NONE>	<NONE>	2114323	(D88734) membrane glycoprotein [Equine herpesvirus 1]	0.052
4689	U95098	Xenopus laevis mitotic phosphoprotein 44 mRNA, partial cds	9e-009	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	9.8
4690	D44598	Saccharomyces cerevisiae chromosome VI phage 4121	1e-009	3947877	(AL034382) putative mitosis and maintenance of ploidy protein [Schizosaccharomyces pombe]	6e-061
4691	AF053520	Homo sapiens allele 12 fragile site locus	0.61	<NONE>	<NONE>	<NONE>
4692	D16195	Mouse gene for acrogranin precursor, complete cds	0.059	<NONE>	<NONE>	<NONE>
4693	U90904	Human clone 23773 mRNA sequence	0	3130153	(AB008857) calcium2+ sensing receptor	1.5
4694	L22398	Homo sapiens DNA sequence, repeat region.	7e-017	987050	(X65335) lacZ gene product [unidentified cloning vector]	0.1
4695	L22398	Homo sapiens DNA sequence, repeat region.	7e-017	987050	(X65335) lacZ gene product [unidentified cloning vector]	0.1



SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4696	J03746	Human glutathione S-transferase mRNA, complete cds.	e-170	121740	GLUTATHIONE S-TRANSFERASE, MICROSOMAL >gi 87562 pir B28083 glutathione transferase glutathione S-transferase [Homo sapiens] >gi 1195483 sapiens] >gi 1621433 (U71213) microsomal glutathione s-transferase [Homo sapiens]	2e-038
4697	AF082283	Homo sapiens CARD-containing apoptotic signaling protein (BCL10) mRNA, complete cds	5e-046	4049460	(AJ006288) bcl-10 [Homo sapiens] signaling protein [Homo sapiens]	0.005
4698	D64142	Human mRNA for histone H1x, complete cds	1e-039	<NONE>	<NONE>	<NONE>
4699	AB001899	Homo sapiens PACE4 gene, exon 2	4e-012	3860844	(AJ235271) NADH DEHYDROGENASE I CHAIN L	3.5
4700	X16869	Human mRNA for elongation factor 1-alpha (clone CEF4)	0	1169475	ELONGATION FACTOR 1-ALPHA 1	6e-061
4701	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	6.00E-05	<NONE>	<NONE>	<NONE>
4702	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	4e-013	2501465	PROBABLE UBIQUITIN CARBOXYL-TERMINAL HYDROLASE FAM (UBIQUITIN THIOLESTERAS	0.0003

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
					E FAM)	
4703	D44598	Saccharomyces cerevisiae chromosome VI phage 4121	1e-009	3947877	(AL034382) putative mitosis and maintenance of ploidy protein [Schizosaccharomyces pombe]	6e-061
4704	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	6e-006	<NONE>	<NONE>	<NONE>
4705	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-012	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	6.4
4706	AB001899	Homo sapiens PACE4 gene, exon 2	4e-012	3860844	(AJ235271) NADH DEHYDROGENASE I CHAIN L	3.4
4707	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4708	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	1e-008	<NONE>	<NONE>	<NONE>
4709	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-009	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	6.40E+00
4710	L39064	Homo sapiens interleukin 9 receptor precursor (IL9R) gene, complete cds	1e-006	4063042	(AF068065) GP900; mucin-like glycoprotein	1e-006
4711	U95098	Xenopus laevis mitotic phosphoprotein 44 mRNA, partial cds	0.0002	331908	(K02714) envelope polypeptide [Friend murine leukemia virus]	8

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4712	AF065249	Entodinium caudatum 14-3-3 protein mRNA, partial cds	1	<NONE>	<NONE>	<NONE>
4713	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-013	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	7.9
4714	<NONE>	<NONE>	<NONE>	186396	(M94131) mucin [Homo sapiens]	2.5
4715	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	8e-009	<NONE>	<NONE>	<NONE>
4716	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4717	Z56314	H.sapiens CpG DNA, clone 10h10, reverse read cpg10h10.rt1a .	4e-012	2444024	(U77782) N-methyl-D-aspartate receptor 2C subunit precursor [Homo sapiens]	9.8
4718	D55696	Human mRNA for cysteine protease, complete cds	e-113	2842759	LEGUMAIN PRECURSOR (ASPARAGINYL ENDOPEPTIDASE) >gi 1743266 gnl PI D e286211 (Y09862) legumain [Homo sapiens]	1e-006
4719	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	9e-008	<NONE>	<NONE>	<NONE>
4720	D63480	Human mRNA for KIAA0146 gene, partial cds	0	1469874	(D63480) The KIAA0146 gene product is novel. [Homo sapiens]	2e-079
4721	AB001579	Rice dwarf virus genomic RNA, segment 2, complete sequence	1.3	<NONE>	<NONE>	<NONE>
4722	<NONE>	<NONE>	<NONE>	3873550	(AL033534) serine-rich protein	2.7

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4723	AL010156	Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-87, complete sequence	0.77	<NONE>	<NONE>	<NONE>
4724	AF059198	Homo sapiens protein kinase/endoribonulcease	2	119110	EBNA-1 NUCLEAR PROTEIN herpesvirus 4 (strain B95-8) >gi 1334880 (V01555) BKRF1 encodes EBNA-1 protein, latent cycle gene. [Human herpesvirus 4]	8e-007
4725	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4727	D38616	Human mRNA for phosphorylase kinase alpha subunit, complete cds	3.5	3522948	(AC004411) hypothetical protein [Arabidopsis thaliana]	0.18
4728	D38616	Human mRNA for phosphorylase kinase alpha subunit, complete cds	3.5	3522948	(AC004411) hypothetical protein [Arabidopsis thaliana]	0.18
4729	Z11808	T.glis interphotoreceptor retinoid binding protein gene, exon 1	1.6	<NONE>	<NONE>	<NONE>
4730	AF065988	Homo sapiens keratocan gene, complete cds	1.4	<NONE>	<NONE>	<NONE>
4731	X60026	M.domesticus small nuclear 4.5 S RNA gene	0.0003	2853301	(AF007194) mucin [Homo sapiens]	5.5
4732	M13793	Mouse 56 kdal protein mRNA from an interferon activated gene, exon 1, 5' end.	0.3	136814	HYPOTHETICAL PROTEIN UL11 RL11 FAMILY [Human cytomegalovirus]	2.3

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4733	D55696	Human mRNA for cysteine protease, complete cds	e-113	2842759	LEGUMAIN PRECURSOR (ASPARAGINYL ENDOPEPTIDASE) >gi 1743266 gn PI D e286211 (Y09862) legumain [Homo sapiens]	1e-006
4734	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4735	<NONE>	<NONE>	<NONE>	322647	glycine-rich protein GRP22 - rape >gi 17821	3e-021
4736	<NONE>	<NONE>	<NONE>	188864	(M74027) mucin [Homo sapiens]	0.002
4737	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-005	<NONE>	<NONE>	<NONE>
4738	AB018270	Homo sapiens mRNA for KIAA0727 protein, partial cds	0	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	1.8
4739	AB018270	Homo sapiens mRNA for KIAA0727 protein, partial cds	0	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	1.8
4740	AE001382	Plasmodium falciparum chromosome 2, section 19 of 73 of the complete sequence	0.25	<NONE>	<NONE>	<NONE>
4741	AE001382	Plasmodium falciparum chromosome 2, section 19 of 73 of the complete sequence	0.25	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4742	X55038	Mouse mCENP-B gene for centromere autoantigen B	0.001	3879362	(Z81113) similar to DnaJ, prokaryotic heat shock protein, Zinc finger, C2H2 type; cDNA EST yk290e12.5 comes from this gene; cDNA EST yk290e12.3 comes from this gene; cDNA EST yk447h4.5 comes from this gene; cDNA EST yk474e4....	7e-007
4743	AF054024	Rattus norvegicus polymorphic marker D9UIA2 sequence	0.62	<NONE>	<NONE>	<NONE>
4744	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	0.0005	<NONE>	<NONE>	<NONE>
4745	Z11808	T.glis interphotoreceptor retinoid binding protein gene, exon 1	1.6	<NONE>	<NONE>	<NONE>
4746	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4747	AF047470	Homo sapiens malate dehydrogenase precursor complete cds	1e-019	2995307	(AL022268) putative aminotransferase	0.12
4748	AF029890	Homo sapiens hepatitis B virus X interacting protein (XIP) mRNA, complete cds	e-161	2745883	(AF029890) hepatitis B virus X interacting protein [Homo sapiens]	2e-044

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4750	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	8e-008	1723019	HYPOTHETICAL 29.6 KD PROTEIN CY251.12C >gi 1405764 gnl PI D e249453 (Z74410) hypothetical protein Rv0093c [Mycobacterium tuberculosis]	2.5
4751	M37583	Human histone (H2A.Z) mRNA, complete cds.	0	121994	HISTONE H2A.Z >gi 89608 pir  S03 642 histone H2A.Z - bovine >gi 92380 pir  S03 644 histone H2A.Z - rat >gi 106267 pir  A3 5881 histone H2A.Z - human sapiens] >gi 57808 (X52316) histone H2A.Z (AA 1- 127) taurus] >gi 184060 (M37583) histone (H2A.Z) [Homo sapien	1e-055
4752	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	5e-014	<NONE>	<NONE>	<NONE>
4753	X65279	pWE15 cosmid vector DNA	7e-079	987050	(X65335) lacZ gene product [unidentified cloning vector]	1e-013
4754	D38549	Human mRNA for KIAA0068 gene, partial cds	e-169	<NONE>	<NONE>	<NONE>
4755	L27835	Pangasianodon gigas growth hormone (GH) mRNA, complete cds.	1.5	538251	(D00322) polyprotein [Tomato black ring virus]	5.8

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4756	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	0.0002	1477565	(U50078) p619 [Homo sapiens]	8.9
4757	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	0.0002	1477565	(U50078) p619 [Homo sapiens]	8.9
4758	U47414	Human cyclin G2 mRNA, complete cds	e-116	<NONE>	<NONE>	<NONE>
4759	AB014560	Homo sapiens mRNA for KIAA0660 protein, complete cds	e-173	<NONE>	<NONE>	<NONE>
4760	L35664	Homo sapiens (subclone H8 8_f5 from P1 35 H5 C8) DNA sequence.	1e-030	2072966	(U93570) p40 [Homo sapiens]	0.001
4761	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	4e-013	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	3.1
4762	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	4e-013	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	3.1
4763	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-012	<NONE>	<NONE>	<NONE>
4764	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-012	<NONE>	<NONE>	<NONE>
4765	M59317	Mouse low affinity IgE receptor (FcεRII) gene sequence.	1e-006	2135765	mucin 2 precursor, intestinal - human	0.0003



SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4766	D14034	Human gene for Zn-alpha2-glycoprotein, complete cds	3e-008	119379	RETROVIRUS-RELATED ENV POLYPROTEIN	6e-007
4767	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4768	M61185	Bovine glutamic acid-rich protein mRNA, complete cds.	0.01	2781362	(AC003113) F24O1.18 [Arabidopsis thaliana]	1.1
4769	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4770	Z62012	H.sapiens CpG DNA, clone 61g4, reverse read cpg61g4.r1a	0.076	1582765	YFW1 gene [Saccharomyces cerevisiae]	2.9
4771	M29065	Human hnRNP A2 protein mRNA.	0	4049652	(AF063866) ORF MSV017 hypothetical protein [Melanoplus sanguinipes entomopoxvirus]	5.9
4772	D12525	Homo sapiens cytochrome P450IA1 gene, 3'flanking region	6e-016	728837	!!!! ALU SUBFAMILY SQ WARNING ENTRY	9.6
4773	M16660	Human 90-kDa heat-shock protein gene, cDNA, complete cds.	e-109	2119731	HSP90 - mouse (fragment) protein {C-terminal} [mice, heart, Peptide Partial, 194 aa] [Mus sp.]	1e-023
4774	AF043105	Homo sapiens glutathione S-transferase mu 3	9e-020	728831	!!!! ALU SUBFAMILY J WARNING ENTRY	0.63
4775	U43374	Human normal keratinocyte mRNA.	0	120179	FINQ PROTEIN >gi 73172 pir  BV ECFQ finQ protein - Escherichia coli plasmid R820a	9
4776	U00684	Human unknown mRNA.	2e-014	2224667	(AB002361) KIAA0363 [Homo sapiens]	6.6

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4777	M22299	Human T-plastin polypeptide mRNA, complete cds, clone p4. > :: gb I08151  Sequence 1 from Patent EP 0345726	4e-008	<NONE>	<NONE>	<NONE>
4778	M95623	Homo sapiens hydroxymethylbilane synthase gene, complete cds.	3e-018	3002527	(AF010144) neuronal thread protein AD7c-NTP [Homo sapiens]	0.52
4779	X52329	pBluescript II KS(-) vector DNA, phagemid excised from lambda ZAPII	0	2117615	catalase - Campylobacter jejuni	2e-009
4780	X52329	pBluescript II KS(-) vector DNA, phagemid excised from lambda ZAPII	0	2117615	catalase - Campylobacter jejuni	2e-009
4781	AF061034	Homo sapiens FIP2 alternatively translated mRNA, complete cds	0	3127084	(AF061034) FIP2 [Homo sapiens]	9e-089
4782	Z64776	H.sapiens CpG DNA, clone 167d8, forward read cpg167d8.ft1b .	0.0002	1777782	(U52513) ISG family member [Homo sapiens]	1.8
4783	D31786	Acyrtosiphon kondoi endosymbiont DNA, S10 and spc ribosomal protein gene operons, complete and partial cds	1.1	2134310	cell division control protein CDC37 homolog splice form 1 - chicken	4e-005
4784	L05491	Homo sapiens T-plastin gene, last exon (16).	0	2506254	T-PLASTIN	3e-018
4785	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	8e-007	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4786	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	7e-006	3877438	(Z72510) similar to G-protein coupled receptor [Caenorhabditis elegans]	2
4787	L38250	Mycoplasma penetrans p35 lipoprotein and p33 lipoprotein genes, complete cds	0.041	<NONE>	<NONE>	<NONE>
4788	J03537	Human ribosomal protein S6 mRNA, complete cds.	e-138	133978	40S RIBOSOMAL PROTEIN S6 protein S6 - rat >gi 70933 pir R3 MS6 ribosomal protein S6 - mouse >gi 319910 pir R3 HU6 ribosomal protein S6 - human >gi 36148 (X67309) ribosomal protein S6 [Homo sapiens] >gi 54010 (Y00348) ribosomal protein S6 [Mus musculus] >g	3e-033
4789	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	1e-011	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	2.6
4790	AF041210	Homo sapiens midline 1 fetal kidney isoform 3	0.41	<NONE>	<NONE>	<NONE>
4791	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	3e-010	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	3.2

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4792	S60885	LYAR=cell growth regulating nucleolar protein	2e-026	2498524	CELL GROWTH REGULATING NUCLEOLAR PROTEIN >gi 423488 pir  A40683 cell growth regulating nucleolar protein LYAR - mouse >gi 300372 bbs 131782	0.43
4793	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4794	U28687	Human zinc finger containing protein ZNF157	3e-027	1731444	ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2) >gi 1020145 (M27878) DNA binding protein	3e-008
4795	AF086438	Homo sapiens full length insert cDNA clone ZD80G11	0.0002	<NONE>	<NONE>	<NONE>
4796	L28997	Homo sapiens ARL1 mRNA, complete cds	3e-006	<NONE>	<NONE>	<NONE>
4797	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	3e-008	1280126	(U55375) K03E6.4 [Caenorhabditis elegans]	2e-012
4798	AE001415	Plasmodium falciparum chromosome 2, section 52 of 73 of the complete sequence	0.015	<NONE>	<NONE>	<NONE>
4799	D21853	Human mRNA for KIAA0111 gene, complete cds	0	729821	EUKARYOTIC INITIATION FACTOR 4A-LIKE NUK-34 (HA0659) >gi 631472 pir  S45142 translation initiation factor eIF-4A2 homolog - human >gi 496902	2e-010

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4800	M76425	H.sapiens intron 2 Alu repetitive element.	0.014	<NONE>	<NONE>	<NONE>
4801	X87212	H.sapiens mRNA for cathepsin C	0	1582221	prepro-cathepsin C [Homo sapiens]	1e-052
4802	D80005	Human mRNA for KIAA0183 gene, partial cds	e-114	1136426	(D80005) KIAA0183 [Homo sapiens]	7e-025
4803	AF026029	Homo sapiens poly(A) binding protein II (PABP2) gene, complete cds	2e-055	<NONE>	<NONE>	<NONE>
4804	Z68322	Human DNA sequence from cosmid L79F5, Huntington's Disease Region, chromosome 4p16.3	2e-016	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	5.6
4805	M63180	Human threonyl-tRNA synthetase mRNA, complete cds	0	135177	THREONYL-TRNA SYNTHETASE, CYTOPLASMIC (THREONINE--TRNA LIGASE) (THRRS) 6.1.1.3) - human >gi 1464742 (M63180) threonyl-tRNA synthetase [Homo sapiens]	5e-070
4806	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	3.7	<NONE>	<NONE>	<NONE>
4807	D16431	Human mRNA for hepatoma-derived growth factor, complete cds	3e-010	<NONE>	<NONE>	<NONE>
4808	AF086168	Homo sapiens full length insert cDNA clone ZB82D09	e-148	1465826	(U64856) weak similarity to TPR domains [Caenorhabditis elegans]	2e-014

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4809	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	4e-012	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	4.4
4810	M34651	Pseudorabies virus with upstream and downstream sequences.	0.4	417134	HEPATOCYTE NUCLEAR FACTOR 3-BETA norvegicus]	0.047
4811	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	3e-010	1353390	(U34998) Rad9 [Coprinus cinereus]	3e-010
4812	M94314	Homo sapiens ribosomal protein L30 mRNA, complete cds	1e-064	<NONE>	<NONE>	<NONE>
4813	X95276	P.falciparum complete gene map of plastid- like DNA (IR-B)	0.001	<NONE>	<NONE>	<NONE>
4814	X12716	Human Retrovirus mRNA for LTR (clone cH6)	5e-024	<NONE>	<NONE>	<NONE>
4815	J03537	Human ribosomal protein S6 mRNA, complete cds.	e-138	133978	40S RIBOSOMAL PROTEIN S6 protein S6 - rat >gi 70933 pir  R3 MS6 ribosomal protein S6 - mouse >gi 319910 pir  R3 HU6 ribosomal protein S6 - human >gi 36148 (X67309) ribosomal protein S6 [Homo sapiens] >gi 54010 (Y00348) ribosomal protein S6 [Mus musculus] >g	3e-033
4816	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4817	U61945	Caenorhabditis elegans cosmid C49C8.	1.8	<NONE>	<NONE>	<NONE>
4818	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4819	M20020	Human ribosomal protein S6 mRNA, complete cds.	7e-072	225901	ribosomal protein S6 [Rattus norvegicus]	2e-015
4820	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.058	<NONE>	<NONE>	<NONE>
4821	AL023973	Human DNA sequence from clone 1033E15 on chromosome 22q13.1-13.2. Contains part of a novel gene, ESTs and a GSS, complete sequence [Homo sapiens]	3e-009	2352260	(AF000949) keratin [Canis familiaris]	0.037
4822	M37430	Pea Chloroplast 4.5S, 5S, 16S and 23S mRNA.	4.7	4093193	(AF106583) unknown [Caenorhabditis elegans]	4.8
4823	M63488	Human replication protein A 70kDa subunit mRNA complete cds.	0	1350579	REPLICATION PROTEIN A 70 KD DNA-BINDING SUBUNIT (RP-A) (RF-A) (REPLICATION FACTOR-A PROTEIN 1) (SINGLE-STRANDED DNA-BINDING PROTEIN) subunit [Homo sapiens]	8e-079
4824	X83791	C.tentans BR1 gene	1.2	<NONE>	<NONE>	<NONE>
4825	U67576	Methanococcus jannaschii section 118 of 150 of the complete genome	4	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4826	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-009	<NONE>	<NONE>	<NONE>
4827	X65319	Cloning vector pCAT-Enhancer	2e-077	987050	(X65335) lacZ gene product [unidentified cloning vector]	2e-011
4828	X03558	Human mRNA for elongation factor 1 alpha subunit	0	1169475	ELONGATION FACTOR 1- ALPHA 1	e-109
4829	X76538	H.sapiens Mpv17 mRNA	6.00E-98	730059	MPV17 PROTEIN >gi 631208 pir  S4 5343 glomerulosclerosis protein Mpv17 - human	3e-010
4830	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4831	<NONE>	<NONE>	<NONE>	2078483	(U43200) antifreeze glycopeptide AFGP polyprotein precursor [Boreogadus saida]	0.014
4832	X83617	H.sapiens mRNA for RanBP1	3.4	3924670	(AC004990) supported by Genscan and several ESTs: C83049	3e-040
4833	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-011	3024677	ISOLEUCYL- TRNA SYNTHETASE isoleucyl-tRNA synthetase (ileS) [Helicobacter pylori]	0.005
4834	J02763	Human calcyclin gene, complete cds.	1e-043	<NONE>	<NONE>	<NONE>
4835	L10910	Homo sapiens splicing factor (CC1.3) mRNA, complete cds.	0.00E+00	<NONE>	<NONE>	<NONE>
4836	X53586	Human mRNA for integrin alpha 6	2e-099	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	5



SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4837	Z57594	H.sapiens CpG DNA, clone 186c5, reverse read cpg186c5.rt1b.	1.4	<NONE>	<NONE>	<NONE>
4838	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4839	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	7e-007	<NONE>	<NONE>	<NONE>
4840	Y00371	Human hsc70 gene for 71 kd heat shock cognate protein > :: gb AR013986 AR013986 Sequence 15 from patent US 5773245	e-145	987050	(X65335) lacZ gene product [unidentified cloning vector]	7e-011
4841	AF074991	Homo sapiens full length insert cDNA YH88A03	0.0005	<NONE>	<NONE>	<NONE>
4842	AF055030	Homo sapiens clone 24538 mRNA sequence	2e-049	2842711	ZINC-FINGER PROTEIN UBI-D4 sapiens]	2e-016
4843	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-005	1353531	(U38906) ORF14 [Bacteriophage r1t]	7.1
4844	Z57588	H.sapiens CpG DNA, clone 186b7, reverse read cpg186b7.rt1b.	0.41	<NONE>	<NONE>	<NONE>
4845	X65319	Cloning vector pCAT-Enhancer	9e-051	987050	(X65335) lacZ gene product [unidentified cloning vector]	0.37
4846	X78411	B.pasteurii ureA, ureB and ureC genes.	3.1	<NONE>	<NONE>	<NONE>
4847	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	3e-009	2224697	(AB002376) KIAA0378 [Homo sapiens]	5e-008

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4848	U78729	Homo sapiens mad protein homolog Smad2 gene, exon 6	4.7	<NONE>	<NONE>	<NONE>
4849	D55696	Human mRNA for cysteine protease, complete cds	0	2842759	LEGUMAIN PRECURSOR (ASPARAGINYL ENDOPEPTIDASE) >gi 1743266 gn PI D e286211 (Y09862) legumain [Homo sapiens]	3e-030
4850	U95097	Xenopus laevis mitotic phosphoprotein 43 mRNA, partial cds	0.43	3005603	(AF053141) progesterone receptor [Equus caballus]	2.2
4851	U46118	Rattus norvegicus cytochrome P450 3A9 mRNA, complete cds	0.38	<NONE>	<NONE>	<NONE>
4852	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-006	2495726	HYPOTHETICAL PROTEIN KIAA0254 sapiens]	1e-005
4853	L10911	Homo sapiens splicing factor (CC1.4) mRNA, complete cds.	e-117	<NONE>	<NONE>	<NONE>
4854	D00132	Acremonium chrysogenum ARS DNA fragment	1.7	130998	SALIVARY PROLINE-RICH PROTEIN PRECURSOR (CLONE CP7) [CONTAINS: BASIC PEPTIDE P-F] glycoprotein precursor PRB2 - human (fragment) precursor [Homo sapiens]	0.45
4855	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	4e-011	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	5.9

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4856	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4857	AC002186	Homo sapiens (subclone 1_f12 from P1 H115) DNA sequence	1e-041	2072966	(U93570) p40 [Homo sapiens]	4e-013
4858	AF053520	Homo sapiens allele 12 fragile site locus	0.61	<NONE>	<NONE>	<NONE>
4859	X65319	Cloning vector pCAT-Enhancer	2e-077	987050	(X65335) lacZ gene product [unidentified cloning vector]	2e-011
4860	AJ005866	Homo sapiens mRNA for putative Sqv-7- like protein, partial	e-179	4008517	(AJ005866) Sqv- 7-like protein [Homo sapiens]	3e-049
4861	AF052165	Homo sapiens clone 24522 mRNA sequence	4e-072	2065177	(Y12790) Supt5h protein [Homo sapiens] sapiens]	1e-021
4862	M90058	Human serglycin gene, exons 1,2, and 3.	0.005	<NONE>	<NONE>	<NONE>
4863	U17662	Human neurofibromatosis 1 (NF1) gene, exons 4c and 5 and partial cds	1.3	<NONE>	<NONE>	<NONE>
4864	U64453	Human ELK1 pseudogene (ELK2) and immunoglobulin heavy chain gamma pseudogene (IGHGP)	3e-018	<NONE>	<NONE>	<NONE>
4865	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-005	<NONE>	<NONE>	<NONE>
4866	X16826	Drosophila melanogaster DNA for 60C beta tubulin gene making beta 3 tubulin isoform	2.2	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4867	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	4e-009	<NONE>	<NONE>	<NONE>
4868	X65319	Cloning vector pCAT-Enhancer	8e-081	987050	(X65335) lacZ gene product [unidentified cloning vector]	3e-015
4869	AL031322	S.pombe chromosome II cosmid c17D1	0.38	<NONE>	<NONE>	<NONE>
4870	M11560	Human aldolase A mRNA, complete cds.	0	553861	(J05517) aldolase A [Mus musculus]	2e-066
4871	U28831	Human protein immuno-reactive with anti-PTH polyclonal antibodies mRNA, partial cds. > :: gb I40055 I40055 Sequence 1 from patent US 5618695	e-106	896065	(U28831) protein that is immuno- reactive with anti- PTH polyclonal antibodies [Homo sapiens]	1e-014
4872	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-005	<NONE>	<NONE>	<NONE>
4873	<NONE>	<NONE>	<NONE>	107112	mucin, tracheal (AMN-22) - human (fragment)	4e-009
4874	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-011	<NONE>	<NONE>	<NONE>
4875	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-011	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4876	D85752	Enterococcus faecalis plasmid pPD1 bacA, bacB, bacC, bacD, bacE, bacF, bacG, bacH and bacI genes, complete cds	0.042	1123087	(U42436) C49H3.3 gene product [Caenorhabditis elegans]	0.001
4877	AC001443	Homo sapiens (subclone 2_f10 from BAC 2913	1e-033	2072961	(U93568) putative p150 [Homo sapiens]	3e-007
4878	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	4e-012	<NONE>	<NONE>	<NONE>
4879	S81433	heme oxygenase-2 {5' region, alternative splicing}	4.2	<NONE>	<NONE>	<NONE>
4880	M34312	S.cerevisiae telomeric sequence DNA, clone YLP108CA-4-ii.	5e-010	188864	(M74027) mucin [Homo sapiens]	2e-007
4881	AF075079	Homo sapiens full length insert cDNA YQ80A08	1.00E-12	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	4.6
4882	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.015	3176689	(AC003671) Contains similarity to ubiquitin carboxyl-terminal hydrolase 14 gb Z35927 from S. cerevisiae. [Arabidopsis thaliana]	4.5
4883	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.12	<NONE>	<NONE>	<NONE>
4884	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	7e-007	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4885	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	7e-007	<NONE>	<NONE>	<NONE>
4886	U74586	Rattus norvegicus double-stranded RNA specific adenosine deaminase (RED2) mRNA, complete cds	3.5	2828280	(AL021687) putative protein [Arabidopsis thaliana] >gi 2832633 gnl PI D e1249651 (AL021711) putative protein [Arabidopsis thaliana]	4e-008
4887	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	5e-014	2497599	LAMININ BETA-2 CHAIN PRECURSOR	5.4
4888	D78572	House mouse; Musculus domesticus mRNA for membrane glycoprotein, complete cds > :: dbj E12950 E12950 cDNA GA3-43 encoding novel polypeptide which appear when differentiate from embryo-tumor cell P19 to nerve cell	7e-017	1545807	(D78572) membrane glycoprotein [Mus musculus]	1.2
4889	L07273	Rattus norvegicus carboxypeptidase E (CPE) gene, exon 1.	3.2	<NONE>	<NONE>	<NONE>
4890	Z46629	Homo sapiens SOX9 mRNA. > :: gb G28593 G28593 human STS SHGC-35378.	e-132	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4891	M30802	Human aromatase cytochrome P-450 gene, exon 8.	3.3	<NONE>	<NONE>	<NONE>
4892	M28699	Homo sapiens nucleolar phosphoprotein B23 (NPM1) mRNA, complete cds.	5e-088	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	5.2
4893	M89955	Human 5-HT1D-type serotonin receptor gene, complete cds.	0	2494923	5-HYDROXYTRYPTAMINE 1D RECEPTOR 1D [Cavia porcellus]	3e-008
4894	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.0002	<NONE>	<NONE>	<NONE>
4895	AF004230	Homo sapiens monocyte/macrophage Ig-related receptor MIR-7 (MIR cl-7) mRNA, complete cds	2e-012	<NONE>	<NONE>	<NONE>
4896	D50463	Mouse SDR1 mRNA, complete cds	0	1806276	(X99337) glycoprotein 55 [Rattus norvegicus]	e-103
4897	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4898	AB014597	Homo sapiens mRNA for KIAA0697 protein, partial cds	2e-067	3327208	(AB014597) KIAA0697 protein [Homo sapiens]	9e-051
4899	AF047598	Homo sapiens origin recognition complex subunit 4 (ORC4L) mRNA, complete cds	e-110	2736149	(AF022108) putative replication initiator origin recognition complex subunit Orc4Lp [Homo sapiens] subunit 4; Orc4p [Homo sapiens]	7e-005

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4900	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	7e-007	<NONE>	<NONE>	<NONE>
4901	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	7e-007	<NONE>	<NONE>	<NONE>
4902	U22325	Mus musculus faciogenital dysplasia (Fgd1) mRNA, complete cds.	1.20E+00	<NONE>	<NONE>	<NONE>
4903	U22325	Mus musculus faciogenital dysplasia (Fgd1) mRNA, complete cds.	1.20E+00	<NONE>	<NONE>	<NONE>
4904	U22325	Mus musculus faciogenital dysplasia (Fgd1) mRNA, complete cds.	1.20E+00	<NONE>	<NONE>	<NONE>
4905	U26162	Human myosin regulatory light chain mRNA, complete cds.	0	228542	myosin:SUBUNIT =regulatory light chain	3e-068
4906	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4907	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-011	3822225	(AF079183) RING-H2 finger protein RHG1a [Arabidopsis thaliana]	4e-006
4908	X65319	Cloning vector pCAT-Enhancer	1e-075	987050	(X65335) lacZ gene product [unidentified cloning vector]	8e-019
4909	AJ010475	Arabidopsis thaliana mRNA for DEAD box RNA helicase, RH28	0.62	<NONE>	<NONE>	<NONE>



SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4910	U48364	Mus musculus muscle-specific transcriptional activator alpha-NAC gp220 (Naca) mRNA, complete cds	0.2	<NONE>	<NONE>	<NONE>
4911	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4912	J03750	Mouse single stranded DNA binding protein p9 mRNA, complete cds.	e-135	1709514	ACTIVATED RNA POLYMERASE II TRANSCRIPTIONAL COACTIVATOR P15 (PC4) (P14) cofactor p15 - human >gi 531395 (U12979) PC4 [Homo sapiens] >gi 619161 (X79805) PC4, p15 [Homo sapiens]	1e-020
4913	U70263	Border disease virus strain BD31, complete genome	3.2	<NONE>	<NONE>	<NONE>
4914	AB012086	Canine herpesvirus gene for immediate-early protein, complete cds	0.37	<NONE>	<NONE>	<NONE>
4915	X05908	Human mRNA for lipocortin	e-162	113944	ANNEXIN I (LIPOCORTIN I) (CALPACTIN II) (CHROMOBINDIN 9) (P35) (PHOSPHOLIPASE A2 INHIBITORY PROTEIN) >gi 71756 pir  LU HU annexin I - human >gi 34388	9e-041
4916	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4917	U90911	Human clone 23652 mRNA sequence	0.13	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4918	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	8e-007	<NONE>	<NONE>	<NONE>
4919	X57830	H.sapiens serotonin 5-HT2 receptor mRNA > :: gb G28536 G285 36 human STS SHGC-31576.	4e-011	<NONE>	<NONE>	<NONE>
4920	U67559	Methanococcus jannaschii section 101 of 150 of the complete genome	3.5	<NONE>	<NONE>	<NONE>
4921	M20020	Human ribosomal protein S6 mRNA, complete cds.	0	133978	40S RIBOSOMAL PROTEIN S6 protein S6 - rat >gi 70933 pir  R3 MS6 ribosomal protein S6 - mouse >gi 319910 pir  R3 HU6 ribosomal protein S6 - human >gi 36148 (X67309) ribosomal protein S6 [Homo sapiens] >gi 54010 (Y00348) ribosomal protein S6 [Mus musculus] >g	2e-072
4922	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	6e-006	<NONE>	<NONE>	<NONE>
4923	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	6e-006	<NONE>	<NONE>	<NONE>
4924	X76683	Plasmid vector pHM2 betalactamase gene	e-160	987050	(X65335) lacZ gene product [unidentified cloning vector]	3e-015

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4925	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4926	U95098	Xenopus laevis mitotic phosphoprotein 44 mRNA, partial cds	0.002	<NONE>	<NONE>	<NONE>
4927	D50369	Homo sapiens mRNA for low molecular mass ubiquinone-binding protein, complete cds	e-152	3024781	UBIQUINOL-CYTOCHROME C REDUCTASE COMPLEX UBIQUINONE-BINDING PROTEIN QP-C PROTEIN) (COMPLEX III SUBUNIT VII) >gi 2605590 (D50369) low molecular mass ubiquinone-binding protein [Homo sapiens]	6e-023
4928	M63391	Human desmin gene, complete cds.	4e-013	<NONE>	<NONE>	<NONE>
4929	D38417	Mouse mRNA for arylhydrocarbon receptor, complete cds	e-110	<NONE>	<NONE>	<NONE>
4930	U38253	Rattus norvegicus initiation factor eIF-2B gamma subunit (eIF-2B gamma) mRNA, complete cds	e-175	2494312	TRANSLATION INITIATION FACTOR EIF-2B GAMMA SUBUNIT (EIF-2B GDP-GTP EXCHANGE FACTOR) subunit [Rattus norvegicus]	4e-040
4931	D38417	Mouse mRNA for arylhydrocarbon receptor, complete cds	e-110	<NONE>	<NONE>	<NONE>
4932	U50767	Mus musculus alpha 1 type I collagen gene, partial cds and 3' flanking region.	1.2	<NONE>	<NONE>	<NONE>
4933	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4934	U86137	Mus musculus telomerase protein-1 mRNA, complete cds	1.70E-01	3327208	(AB014597) KIAA0697 protein [Homo sapiens]	9e-006
4935	S57980	Crp1=cystatin-related protein-1 [rats, Genomic, 7673 nt]	0.041	<NONE>	<NONE>	<NONE>
4936	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4937	AB012047	Arabidopsis thaliana gene for sulfate transporter, complete cds, clone:AST56	0.14	3915658	ATP-DEPENDENT RNA HELICASE A helicase II [Homo sapiens]	6.1
4938	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-007	<NONE>	<NONE>	<NONE>
4939	AB018374	Mus musculus GARP34 mRNA, complete cds	3e-037	<NONE>	<NONE>	<NONE>
4940	AF001498	Campylobacter jejuni polysaccharide biosynthesis protein homolog gene, partial cds, galactosyl transferase homolog, UDP-galactose phosphate transferase homolog, acetyl transferase homolog and aminotransferase homolog gen...	3e-005	<NONE>	<NONE>	<NONE>
4941	J04617	Human elongation factor EF-1-alpha gene, complete cds. > :: dbj E02629 E02629 DNA of human polypeptide chain elongation factor-	3e-090	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
		l alpha				
4942	Z54349	H.sapiens MN/CA9 GENE	2e-007	<NONE>	<NONE>	<NONE>
4943	AF077374	Homo sapiens small proline-rich protein (SPRR3) gene, exons 1, 2, and 3 and complete cds	1.3	<NONE>	<NONE>	<NONE>
4944	X59828	Human chromosome 22 flanking hypervariable simple repeat DNA (clone HZREP42)	0.0003	<NONE>	<NONE>	<NONE>
4945	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1.00E-09	124180	TRANSCRIPTIO NAL REGULATOR IE63 human herpesvirus 1 (strain 17) herpesvirus 1] >gi 221713 (D00374) immediate early transcriptional modulating protein IE63 (gene UL54) herpesvirus 1]	5.8
4946	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1.00E-09	124180	TRANSCRIPTIO NAL REGULATOR IE63 human herpesvirus 1 (strain 17) herpesvirus 1] >gi 221713 (D00374) immediate early transcriptional	5.8

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
					modulating protein IE63 (gene UL54) herpesvirus 1]	
4947	X76683	Plasmid vector pHM2 betalactamase gene	8e-092	987050	(X65335) lacZ gene product [unidentified cloning vector]	3e-015
4948	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4949	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2.00E-04	<NONE>	<NONE>	<NONE>
4950	X16972	Drosophila melanogaster cecropin gene cluster	1.20E-01	1362688	morphogen Xhh precursor - African clawed frog >gi 790938 (L39213) morphogen [Xenopus laevis]	1.9
4951	U12022	Human calmodulin (CALM1) gene, exons 2,3,4,5 and 6, and complete cds	0	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	5.9
4952	X56536	Rabbit mRNA for pH regulatory protein (Na <sup>+</sup> /H <sup>+</sup> exchanger), partial	2.3	119110	EBNA-1 NUCLEAR PROTEIN herpesvirus 4 (strain B95-8) >gi 1334880 (V01555) BKRF1 encodes EBNA-1 protein, latent cycle gene. [Human herpesvirus 4]	4e-018

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4953	AF037438	Homo sapiens short chain L-3-hydroxyacyl-CoA dehydrogenase (SCHAD) gene, complete cds	2e-006	<NONE>	<NONE>	<NONE>
4954	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	4e-012	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	3.4
4955	AB000467	Homo sapiens mRNA, partial cds, clone:RES4-25	2e-012	<NONE>	<NONE>	<NONE>
4956	U31525	Human glycogenin mRNA, complete cds	0	1707996	GLYCOGENIN >gi2135280 pir  J C4695 glycogenin glucosyltransferase (EC 2.4.1.186) - human	5e-042
4957	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4958	AF003836	Mesocricetus auratus isopentenyl diphosphate:dime thylallyl diphosphate isomerase mRNA, complete cds	1.30E+00	<NONE>	<NONE>	<NONE>
4959	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4960	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4961	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	4.90E-02	<NONE>	<NONE>	<NONE>
4962	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	4.90E-02	<NONE>	<NONE>	<NONE>
4963	L32537	Homo sapiens (clone XP6G6B) mRNA, partial EST.	5.00E-03	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4964	L32537	Homo sapiens (clone XP6G6B) mRNA, partial EST.	5.00E-03	<NONE>	<NONE>	<NONE>
4965	X63787	T.thermophila gene for snRNA U3-2	0.41	<NONE>	<NONE>	<NONE>
4966	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4967	U27341	Bos taurus endothelin converting enzyme-2 Sequence 1 from patent US 5736376	7e-015	<NONE>	<NONE>	<NONE>
4968	U35114	Human apolipoprotein E (APOE) gene, hepatic control region HCR-2	9e-005	<NONE>	<NONE>	<NONE>
4969	M86374	Rat tropoelastin gene, intron 25 (partial).	0.13	<NONE>	<NONE>	<NONE>
4970	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-007	<NONE>	<NONE>	<NONE>
4971	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-007	<NONE>	<NONE>	<NONE>
4972	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-007	<NONE>	<NONE>	<NONE>
4973	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	7.00E-07	<NONE>	<NONE>	<NONE>
4974	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	7.00E-07	<NONE>	<NONE>	<NONE>



SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4975	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	7.00E-07	<NONE>	<NONE>	<NONE>
4976	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.005	2995290	(AL022268) putative transmembrane transport protein [Streptomyces coelicolor]	1.50E-02
4977	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.005	2995290	(AL022268) putative transmembrane transport protein [Streptomyces coelicolor]	1.50E-02
4978	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.005	2995290	(AL022268) putative transmembrane transport protein [Streptomyces coelicolor]	1.50E-02
4979	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2.00E-05	2983512	(AE000718) putative protein [Aquifex aeolicus]	2.2
4980	X56536	Rabbit mRNA for pH regulatory protein (Na <sup>+</sup> /H <sup>+</sup> exchanger), partial	2.3	119110	EBNA-1 NUCLEAR PROTEIN herpesvirus 4 (strain B95-8) >gi1334880 (V01555) BKRF1 encodes EBNA-1 protein, latent cycle gene. [Human herpesvirus 4]	4e-018
4981	Z11508	A.thaliana rpl15 gene for plastid ribosomal protein CL15	5.00E-03	3283910	(AF070638) unknown [Homo sapiens]	2.5
4982	X95834	H.sapiens DNA sequence surrounding NotI site, clone NRLA143D	7e-070	1588365	signal peptidase:SUBUNIT=12kD [Homo sapiens]	1e-043,

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4983	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-007	4008081	(AF106835) putative DnaJ [Methylovorus sp. strain SS1]	3e-010
4984	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4985	U43626	Human chromosome 15q11-q13 putative DNA replication origin in the g-aminobutyric acid receptor b3 and a5 gene cluster	2e-018	2197085	(AF003535) ORF2-like protein [Homo sapiens]	0.0002
4986	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4987	D21272	Rice mRNA for ADP-glucose pyrophosphorylase	1.1	1708084	EXOGLUCANASE B PRECURSOR 1,4-beta-cellobiosidase (EC 3.2.1.91) precursor - Cellulomonas fimi >gi 790698 (L38827) beta-1,4-cellobiohydrolase [Cellulomonas fimi]	5.8
4988	U59706	Gallus gallus alternatively spliced AMPA glutamate receptor, isoform GluR2 flop, (GluR2) mRNA, partial cds.	0.015	<NONE>	<NONE>	<NONE>
4989	AF086033	Homo sapiens full length insert cDNA clone YW26E09	e-174	<NONE>	<NONE>	<NONE>
4990	L31840	Rattus norvegicus nuclear pore complex protein NUP107 mRNA, complete cds.	e-179	1709212	NUCLEAR PORE COMPLEX PROTEIN NUP107	2e-083

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4991	AF052144	Homo sapiens clone 24573 and 24786 mRNA sequences	e-170	1174415	SPIDROIN 2 (DRAGLINE SILK FIBROIN 2) >gi 345426 pir  A44112 spidroin 2, dragline silk fibroin - orb spider (Nephila clavipes) (fragment) clavipes]	4.8
4992	M22406	Human intestinal mucin mRNA, partial cds, clone SMUC 42.	0.085	188864	(M74027) mucin [Homo sapiens]	1e-009
4993	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4994	U24697	Chironomus samoensis nanos homolog (Cs nos) gene, complete cds.	0.13	3880999	(AL021492) Y45F10D.11 [Caenorhabditis elegans]	7e-022
4995	M64716	Human ribosomal protein S25 mRNA, complete cds.	4e-074	2943738	(AB011550) Drosophila Policombl-like-related gene containing PHD fingers. [Mus musculus]	4e-011
4996	X54326	H.sapiens mRNA for glutamyl-tRNA synthetase	0	135104	MULTIFUNCTIONAL AMINOACYL-TRNA SYNTHETASE (CONTAINS: GLUTAMYL-TRNA SYNTHETASE glutamyl-prolyl-tRNA synthetase - human >gi 31958	1e-088
4997	Z12112	pWE15A cosmid vector DNA	2e-028	987050	(X65335) lacZ gene product [unidentified cloning vector]	2e-007
4998	Z62939	H.sapiens CpG DNA, clone 75f1, forward read cpg75f1.ft1b.	3e-010	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4999	<NONE>	<NONE>	<NONE>	2134574	mucin - rhesus macaque (fragment) >gi 437055	5e-005
5000	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	9e-009	<NONE>	<NONE>	<NONE>
5001	Z93950	H.sapiens DNA; chromosome Y repeat regions	0.15	<NONE>	<NONE>	<NONE>
5002	X64037	H.sapiens mRNA for RNA polymerase II associated protein RAP74	5e-056	<NONE>	<NONE>	<NONE>
5003	M37583	Human histone (H2A.Z) mRNA, complete cds.	e-132	121994	HISTONE H2A.Z >gi 89608 pir  S03642 histone H2A.Z - bovine >gi 92380 pir  S03644 histone H2A.Z - rat >gi 106267 pir  A35881 histone H2A.Z - human sapiens] >gi 57808 (X52316) histone H2A.Z (AA 1-127) taurus] >gi 184060 (M37583) histone (H2A.Z) [Homo sapien	2e-044
5004	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	4e-011	<NONE>	<NONE>	<NONE>
5005	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	4e-011	<NONE>	<NONE>	<NONE>
5006	M94764	Glycine max cv. Dare nodulin 26 gene fragment.	0.043	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5007	Z34287	B.subtilis (SO113) genomic DNA (5425bp)	1.2	<NONE>	<NONE>	<NONE>
5008	X76683	Plasmid vector pHM2 betalactamase gene	6e-078	987050	(X65335) lacZ gene product [unidentified cloning vector]	2e-014
5009	D17577	Mouse mRNA for kinesin-like protein (Kif1b), complete cds	e-109	2497524	KINESIN-LIKE PROTEIN KIF1B mouse >gi 407339 gnl PI D d1005029 (D17577) Kif1b [Mus musculus]	9e-041
5010	X91192	H.sapiens PLC beta 3 gene (exon 1) and SOM172 gene (exon 1)	1e-096	3294231	(AJ223970) mono-methyl transferase	3
5011	D88271	Human (lambda) DNA for immunoglobulin light chain	1e-021	<NONE>	<NONE>	<NONE>
5012	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5013	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5014	AF052133	Homo sapiens clone 23970 mRNA sequence	0	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	5.9
5015	M21731	Human lipocortin-V mRNA, complete cds.	e-169	999934	Annexin V (Lipocortin V, Endonexin II, Placental Anticoagulant Protein) Mutant With Glu 17 Replaced By Gly, Glu 78 Replaced By Gln (E17g,E78q) Complexed With Calcium	4e-005

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5016	M21731	Human lipocortin-V mRNA, complete cds.	e-169	999934	Annexin V (Lipocortin V, Endonexin II, Placental Anticoagulant Protein) Mutant With Glu 17 Replaced By Gly, Glu 78 Replaced By Gln (E17g,E78q) Complexed With Calcium	4e-005
5017	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5018	L44118	Homo sapiens proximal CMT1A-REP repeat	0.0005	<NONE>	<NONE>	<NONE>
5019	Y16849	Bacillus sp. D3 xynA and abfA genes and ORF1	2e-015	<NONE>	<NONE>	<NONE>
5020	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-006	465975	PUTATIVE ATP-DEPENDENT RNA HELICASE T26G10.1 IN CHROMOSOME III >gi 482102 pir  S40731 ATP-dependent RNA helicase homolog T26G10.1 - Caenorhabditis elegans >gi 3880293 gnl PI D e1349766 1397-1495 which introduced stop codon at 3' splice; 5' splice looks v.	9e-005
5021	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-006	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5022	U02455	Cloning vector rpDR2, complete sequence.	0.35	2132302	hypothetical protein YPR144c - yeast similarity near C-terminus to RNA Polymerase beta subunit (Swiss Prot. accession number P11213) and CCAAT-binding transcription factor (PIR accession number A36368) [Saccharomyces cerevisiae]	1e-031
5023	X97999	H.sapiens mRNA for transcription factor IID, subunit TAFII55	0	3024690	TRANSCRIPTIO N INITIATION FACTOR TFIID 55 KD SUBUNIT (TAFII-55) (TAFII55) factor IID [Homo sapiens]	4e-083
5024	X71642	M.musculus GEG-154 mRNA	3e-092	<NONE>	<NONE>	<NONE>
5025	X71642	M.musculus GEG-154 mRNA	3e-092	<NONE>	<NONE>	<NONE>
5026	AB018270	Homo sapiens mRNA for KIAA0727 protein, partial cds	4e-061	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	7.6
5027	D90086	Human pyruvate dehydrogenase (EC 1.2.4.1) beta subunit gene, exons 1-10	4e-011	2143936	probable regulatory protein 322 - rat	7.7
5028	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.002	<NONE>	<NONE>	<NONE>
5029	X65319	Cloning vector pCAT-Enhancer	2e-081	987050	(X65335) lacZ gene product [unidentified cloning vector]	3e-015
5030	<NONE>	<NONE>	<NONE>	188864	(M74027) mucin [Homo sapiens]	0.001

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5031	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	0.0002	3258141	(AP000007) 138aa long hypothetical protein [Pyrococcus horikoshii]	9.6
5032	X98001	H.sapiens mRNA for geranylgeranyl transferase II	e-129	2506788	GERANYLGERA NYL TRANSFERASE TYPE II BETA SUBUNIT (RAB GERANYLGERA NYLTRANSFER ASE BETA SUBUNIT) (RAB GERANYL- GERANYLTRAN SFERASE BETA SUBUNIT) transferase II [Homo sapiens]	3e-026
5033	U72789	Human cosmid U197H5, complete sequence [Homo sapiens]	5e-023	<NONE>	<NONE>	<NONE>
5034	U72789	Human cosmid U197H5, complete sequence [Homo sapiens]	5e-023	<NONE>	<NONE>	<NONE>
5035	U19239	Choristoneura fumiferana entomopoxvirus spheroidin gene, complete cds, G4R gene, partial cds, and nucleoside triphosphate phosphohydrolase (NPH I) gene, partial cds	3.8	<NONE>	<NONE>	<NONE>
5036	U95098	Xenopus laevis mitotic phosphoprotein 44 mRNA, partial cds	8e-009	2690166	(AE000788) B. burgdorferi predicted coding region BBK23	4



SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5037	U66871	Human enhancer of rudimentary homolog mRNA, complete cds	0	2498336	ENHANCER OF RUDIMENTARY HOMOLOG homologous to DROER protein [Homo sapiens] >gi 1519519 sapiens]	6e-057
5038	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5039	X99728	H.sapiens NDUFV3 gene, exon 3	3e-092	2829450	NADH-UBIQUINONE OXIDOREDUCTASE 9 KD SUBUNIT PRECURSOR (COMPLEX I-9KD) (CI-9KD)	1e-015
5040	X78730	M. musculus DNA for the flanking sequences of the hypothalamic GRH first exons	2	<NONE>	<NONE>	<NONE>
5041	X84373	H.sapiens mRNA for nuclear factor RIP140 > :: gb G28540 G28540 human STS SHGC-31616.	e-155	<NONE>	<NONE>	<NONE>
5042	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5043	X82272	Human endogenous retrovirus env mRNA	8e-081	1196429	(M14123) pol/env ORF (bases 3878-8257) first start codon at 4172; Xxx; putative [Homo sapiens]	6e-058
5044	AF029982	Mus musculus sarco(endo)plasmic reticulum calcium ATPase (SERCA2) gene, promoter region, exons 1-3, and partial cds	0.003	3873550	(AL033534) serine-rich protein	0.018
5045	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5046	Y12781	Homo sapiens mRNA for transducin (beta) like 1 protein	1e-084	3021409	(Y12781) transducin (beta) like 1 protein [Homo sapiens]	2e-064

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5047	S63912	D10S102=FBRN P [human, fetal brain, mRNA, 3043 nt]	4e-084	<NONE>	<NONE>	<NONE>
5048	X91192	H.sapiens PLC beta 3 gene (exon 1) and SOM172 gene (exon 1)	1e-096	3294231	(AJ223970) mono-methyl transferase	3
5049	X03558	Human mRNA for elongation factor 1 alpha subunit	0	1169475	ELONGATION FACTOR 1-ALPHA 1	e-108
5050	L31783	Mus musculus uridine kinase mRNA, partial cds	3e-029	1718058	URIDINE KINASE (URIDINE MONOPHOSPHO KINASE) >gi 471981 (L31783) uridine kinase	4e-011
5051	X75652	A.longa plastid genes for tRNAs, ribosomal protein, rRNA and elongation factor	1.3	<NONE>	<NONE>	<NONE>
5052	Z93123	M.acuminata mRNA; clone pBAN UD75	1.1	<NONE>	<NONE>	<NONE>
5053	D16901	Human HepG2 3' region cDNA, clone hmd2h05	1.5	<NONE>	<NONE>	<NONE>
5054	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-011	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	5.7

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5055	AF043252	Homo sapiens mitochondrial outer membrane protein (Tom40) gene, nuclear gene encoding mitochondrial protein, exons 7, 8 and 9	e-106	3941342	(AF043250) mitochondrial outer membrane protein [Homo sapiens] >gi 3941347 (AF043253) mitochondrial outer membrane protein [Homo sapiens] >gi 4105703 (AF050154) D19S1177E [Homo sapiens]	6e-007
5056	X66494	R.norvegicus CHOT1 mRNA	1e-012	1545807	(D78572) membrane glycoprotein [Mus musculus]	3e-007
5057	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5058	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-007	3513368	(AB017202) entactin-2 [Mus musculus]	3e-005
5059	U77107	Fundulus lineolatus cytochrome b (cytb) gene, mitochondrial gene encoding mitochondrial protein, partial cds	0.37	3947877	(AL034382) putative mitosis and maintenance of ploidy protein [Schizosaccharom yces pombe]	7e-026
5060	X52317	Human mRNA for histone H2A.Z	5e-014	<NONE>	<NONE>	<NONE>
5061	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	3e-008	<NONE>	<NONE>	<NONE>
5062	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1.2	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5063	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.0002	<NONE>	<NONE>	<NONE>
5064	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	1e-011	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	1.5
5065	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.0002	<NONE>	<NONE>	<NONE>
5066	X15943	Huamn calcitonin/alpha-CGRP gene	1e-012	1575563	(U66464) hematopoietic progenitor kinase [Homo sapiens]	5.6
5067	AF001175	Homo sapiens ribonuclease P protein subunit p14 (Rpp14) mRNA, complete cds	0	4100563	(AF001175) ribonuclease P protein subunit p14 [Homo sapiens]	2e-032
5068	L29260	Arabidopsis thaliana 1-amino-1-cyclopropanecarb oxylate synthase (ACS5) gene, complete cds.	0.41	<NONE>	<NONE>	<NONE>
5069	X57268	Mouse DNA for t-haplotype-specific elements (located in H-2 complex, ETn related)	1.2	<NONE>	<NONE>	<NONE>
5070	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-010	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	5.5
5071	Y11896	M.musculus mRNA for Brx gene, partial	3e-018	2196874	(Y11896) BRX protein [Mus musculus]	3e-011

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5072	Y00711	Human mRNA for lactate dehydrogenase B (LDH-B)	0	126041	L-LACTATE DEHYDROGENASE H CHAIN dehydrogenase B (AA 1 - 334) [Homo sapiens] >gi 1200083	e-102
5073	AF065482	Homo sapiens sorting nexin 2 (SNX2) mRNA, complete cds	0	3152938	(AF065482) sorting nexin 2 [Homo sapiens]	3e-072
5074	M86374	Rat tropoelastin gene, intron 25 (partial).	0.13	<NONE>	<NONE>	<NONE>
5075	D50418	Mouse mRNA for AREC3, partial cds	6e-047	2495271	SKELETAL MUSCLE-SPECIFIC ARE BINDING PROTEIN AREC3 (HOMEODOMAIN PROTEIN SIX4) M18) - mouse >gi 1255626 gnl PI D d1009550 (D50416) AREC3	2e-006
5076	D17448	Microcystis aeruginosa plasmid pMA2 DNA, complete genome sequence	0.13	<NONE>	<NONE>	<NONE>
5077	M29548	Human elongation factor 1-alpha (EF1A) mRNA, partial cds.	e-166	1169475	ELONGATION FACTOR 1-ALPHA 1	6e-010
5078	AF081496	Homo sapiens kinetochore protein BUB3 (BUB3) mRNA, complete cds	6e-044	2921873	(AF047472) spleen mitotic checkpoint BUB3 [Homo sapiens] protein BUB3 [Homo sapiens]	3e-006
5079	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	7e-007	<NONE>	<NONE>	<NONE>
5080	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5081	M14123	Human endogenous retrovirus HERV-K10.	2e-065	1196429	(M14123) pol/env ORF (bases 3878-8257) first start codon at 4172; Xxx; putative [Homo sapiens]	6e-037
5082	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5083	D30655	Homo sapiens mRNA for eukaryotic initiation factor 4AII, complete cds	0	673433	(X56953) protein synthesis initiation factor 4A [Mus musculus]	2e-092
5084	X16869	Human mRNA for elongation factor 1-alpha (clone CEF4)	5e-045	3122072	ELONGATION FACTOR 1-ALPHA 1 chicken >gi 488468 (L00677) elongation factor 1 alpha	1e-009
5085	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5086	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5087	U78310	Homo sapiens pescadillo mRNA, complete cds	e-122	2194203	(U78310) pescadillo [Homo sapiens]	9e-009
5088	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5089	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-005	<NONE>	<NONE>	<NONE>
5090	U09368	Human zinc finger protein ZNF140	0	1731416	ZINC FINGER PROTEIN 140 human >gi 487787 (U09368) zinc finger protein ZNF140	2e-062
5091	M98509	Human NFB genomic fragment.	1e-010	<NONE>	<NONE>	<NONE>
5092	AB002322	Human mRNA for KIAA0324 gene, partial cds	e-130	2996650	(AC004493) KIAA0324 [Homo sapiens]	9e-018
5093	AJ007670	Homo sapiens mRNA for LGMD2B protein	2e-014	403460	(L24521) transformation-related protein [Homo sapiens]	3.8

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5094	X16869	Human mRNA for elongation factor 1-alpha (clone CEF4)	0	181967	(M29548) elongation factor 1-alpha [Homo sapiens]	2e-036
5095	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	7e-007	<NONE>	<NONE>	<NONE>
5096	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.0005	<NONE>	<NONE>	<NONE>
5097	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-006	<NONE>	<NONE>	<NONE>
5098	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-006	<NONE>	<NONE>	<NONE>
5099	U45421	Borrelia burgdorferi 2.9-1 locus, ORF 5-8, ORF-A-D, REP+, REP-, and lipoprotein (LP) genes, complete cds	0.014	3510605	(AF044267) gyrase subunit B [Chlamydia trachomatis]	3.4
5100	L54057	Homo sapiens CLP mRNA, partial cds.	0	<NONE>	<NONE>	<NONE>
5101	D14660	Human mRNA for KIAA0104 gene, complete cds	0	1350786	PUTATIVE 60S RIBOSOMAL PROTEIN sapiens] >gi 3947438 (AC005034) ribosomal protein-like	e-111

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5102	X78627	H.sapiens mRNA for translin.	0	1082873	translin - human >gi 607130 (X78627) translin [Homo sapiens] >gi 1586346 prf  2203413A recombination hotspot-binding protein [Homo sapiens]	5e-068
5103	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.0001	<NONE>	<NONE>	<NONE>
5104	M12585	Mouse alpha-1 antitrypsin gene, segment 1.	2e-006	3873550	(AL033534) serine-rich protein	1.7
5105	X52967	Human mRNA for ribosomal protein L7	0	423072	ribosomal protein L7 - human	7e-061
5106	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	7e-007	<NONE>	<NONE>	<NONE>



SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5107	X78722	M.musculus GLUT2 gene for glucose transporter	0.34	1685115	(U68754) putative transcription factor [Dictyostelium discoideum]	3.8
5108	AF002677	Dictyostelium discoideum DEAD-box RNA helicase	0.28	3293508	(AF069188) NADH dehydrogenase 1 [Ephedrus laeviscollis]	0.81
5109	AB018263	Homo sapiens mRNA for KIAA0720 protein, partial cds	0.87	107240	oncogene 1 (tre-2 locus) (clone 210) - human	0.19
5110	AF017115	Homo sapiens cytochrome c oxidase subunit IV precursor (COX4) gene, nuclear gene encoding mitochondrial protein, complete cds	0.77	<NONE>	<NONE>	<NONE>
5111	AE001383	Plasmodium falciparum chromosome 2, section 20 of 73 of the complete sequence	0.15	2315754	(AF016681) No definition line found [Caenorhabditis elegans]	9.6
5112	D49577	Pig mRNA for rearranged T-cell receptor delta-chain/Vdelta1.14-Deltas-Jdelta1, partial cds	0.91	<NONE>	<NONE>	<NONE>
5113	U63810	Homo sapiens WD40 protein Ciao 1 mRNA, complete cds	0.0	3219331	(AC004020) Unknown gene product [Homo sapiens]	3e-92
5114	AF085858	Homo sapiens full length insert cDNA clone YN49B07	e-172	3329465	(AF064553) NSD1 protein [Mus musculus]	8e-54
5115	X01682	Mouse gene for cytochrome P3-450	0.026	1381394	(U40989) tat interactive protein [Homo sapiens]	4.0

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5116	AE001432	Plasmodium falciparum chromosome 2, section 69 of 73 of the complete sequence	1.5	3873713	(Z74026) cDNA EST yk452h4.3 comes from this gene; cDNA EST yk452h4.5 comes from this gene	9e-11
5117	U31973	Human phosphodiesterase A' subunit (PDE6C) mRNA, complete cds. > :: gb G28549 G28549 human STS SHGC-31657.	2.3	136976	PROTEIN UL87 >gi 76594 pir  S09851 hypothetical protein UL87 - human cytomegalovirus cytomegalovirus]	8.1
5118	X02212	Chicken alpha-cardiac actin gene	2.6	<NONE>	<NONE>	<NONE>
5119	AE000838	Methanobacterium thermoautotrophicum from bases 494834 to 505698 (section 44 of 148) of the complete genome	0.89	765086	(D30786) feline CD9 [Felis catus]	1.4
5120	U89744	Rattus norvegicus putative cell surface antigen mRNA, complete cds	0.68	728850	GLUCOAMYLA SE S1/S2 PRECURSOR (GLUCAN 1,4-ALPHA-GLUCOSIDASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE) >gi 626156 pir  S48478 glucan 1,4-alpha-glucosidase (EC 3.2.1.3) - yeast stal, len: 1367, CAI: 0.3, AMYH_YEAST P08640 GLUCOAMYLA SE S1 (EC 3.2.1.3) [Saccharomyc	9e-06

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5121	J04974	Human alpha-2 type XI collagen mRNA (COL11A2).	1.2	114887	BREAKPOINT CLUSTER REGION PROTEIN protein, splice form 1 - human >gi 29421 (X02596) bcr gene product [Homo sapiens]	9.4
5122	AL021806	Homo sapiens DNA sequence from PAC 779B17 on chromosome 22q13.1. Contains exon trap, complete sequence	0.046	2827756	EPHRIN TYPE-A RECEPTOR 1 PRECURSOR	1.9
5123	X68826	P.sativum mRNA for fructose 1,6 biphosphatase	0.95	1314248	(U24681) NADH:cytochrome c reductase [synthetic construct]	2e-05
5124	M14431	Bacteriophage phi-29 gene-16 gene, complete cds.	0.035	<NONE>	<NONE>	<NONE>
5125	U17033	Human 180 kDa transmembrane PLA2 receptor mRNA, complete cds.	0.36	722372	(U23139) similar to beta transducin proteins containing TRP-ASP domains [Caenorhabditis elegans]	3e-08
5126	Z50202	P.vulgaris arc5-1 gene	0.007	1151256	(U43319) transmembrane receptor [Mus musculus]	0.13
5127	AF013711	Homo sapiens 22 kDa actin-binding protein	2e-10	<NONE>	<NONE>	<NONE>
5128	AF086324	Homo sapiens full length insert cDNA clone ZDS3E07	5e-09	3318653	(U83192) post-synaptic density protein 95 [Homo sapiens]	0.001
5129	D90117	T. thermophila mRNA for citrate synthase (EC 4.1.3.7)	0.63	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5130	D45105	Metschnikowia reukaufii 26S rRNA, partial sequence	0.78	<NONE>	<NONE>	<NONE>
5131	D85088	Ectoplana limuli DNA for 18s ribosomal RNA	0.41	267408	PROBABLE DNA PACKAGING PROTEIN packaging protein [Human herpesvirus 4]	7.2
5132	X89886	P.patens mRNA for 5-aminolevulinate dehydratase	0.41	3875246	(Z81490) similar to WD domain, G-beta repeats (2 domains); cDNA EST EMBL:T00482 comes from this gene; cDNA EST EMBL:T00923 comes from this gene; cDNA EST yk449d4.3 comes from this gene; cDNA EST yk449d4.5 comes from this gen...	2e-22
5133	AB014564	Homo sapiens mRNA for KIAA0664 protein, partial cds	0.0	2981221	(AF053091) eyelid [Drosophila melanogaster]	0.076
5134	AE001403	Plasmodium falciparum chromosome 2, section 40 of 73 of the complete sequence	0.003	2495297	HYPOTHETICAL 26.3 KD HOMEBOX PROTEIN C02F12.5 IN CHROMOSOME X >gi 1109893 (U41545) strong similarity to homeobox proteins; similar to inhibitor domain of tissue factor pathway inhibitor	3.7

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5135	U92574	Fugu rubripes homeobox protein HOXB-1 (FrHOXB-1) gene, complete cds.	0.54	<NONE>	<NONE>	<NONE>
5136	U31118	Xenopus laevis cytoplasmic myosin II regulatory light chain mRNA, complete cds	0.26	3879530	(Z49130) cDNA EST yk486b9.3 comes from this gene; cDNA EST yk486b9.5 comes from this gene	8e-07
5137	L49035	Gorilla gorilla ABC-transporter (TAP2) mRNA, complete cds	0.21	4007066	(AJ131571) X protein [Hepatitis B virus]	1.3
5138	AF068628	Mus musculus DNA cytosine-5 methyltransferase 3B3 (Dnmt3b) mRNA, alternatively spliced, complete cds	4e-04	<NONE>	<NONE>	<NONE>
5139	M64982	Human fibrinogen alpha chain gene, complete mRNAs.	0.062	<NONE>	<NONE>	<NONE>
5140	M19262	Rat clathrin light chain (LCB3) mRNA, complete cds.	0.25	2088802	(AF003151) D1007.4 gene product [Caenorhabditis elegans]	0.012
5141	X94947	L.esculentum mRNA for homeobox protein	3.7	2315770	(AF016683) K09F6.1 gene product [Caenorhabditis elegans]	0.096
5142	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5143	M33782	Human TFEB protein mRNA, partial cds.	0.36	<NONE>	<NONE>	<NONE>
5144	AB011098	Homo sapiens mRNA for KIAA0526 protein, complete cds	2e-07	2501115	TBX2 PROTEIN (T-BOX PROTEIN 2)	0.90

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5145	AF039029	Homo sapiens snurportin1 mRNA, complete cds	0.0	3834390	(AF039029) snurportin1 [Homo sapiens]	e-108
5146	U22970	Human interferon-inducible peptide (6-16) gene, complete cds	0.21	<NONE>	<NONE>	<NONE>
5147	D63880	Human mRNA for KIAA0159 gene, complete cds	2e-64	<NONE>	<NONE>	<NONE>
5148	AB011174	Homo sapiens mRNA for KIAA0602 protein, partial cds	e-164	3043728	(AB011174) KIAA0602 protein [Homo sapiens]	2e-53
5149	AF053551	Homo sapiens metaxin 2 (MTX2) mRNA, nuclear gene encoding mitochondrial protein, complete cds	0.0	3283049	(AF053551) metaxin 2 [Homo sapiens]	1e-76
5150	Y13382	Arabidopsis thaliana ferrochelatase-I gene and promoter sequence	0.012	<NONE>	<NONE>	<NONE>
5151	AF044854	Colias eurytheme large subunit ribosomal RNA gene, partial sequence; tRNA-Val gene, complete sequence; and small subunit ribosomal RNA gene, partial sequence, mitochondrial genes for mitochondrial RNAs	1.3	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5152	AF005059	Toxoplasma gondii p97 mRNA, complete cds	0.90	2570049	(Y08701) Pinin [Mus musculus]	1.3
5153	D84307	Human mRNA for phosphoethanolamine cytidyltransferase, complete cds	0.013	<NONE>	<NONE>	<NONE>
5154	D38050	Aspen prxA3a gene for peroxidase, complete cds	0.018	1723942	HYPOTHETICAL 20.8 KD PROTEIN IN COX4-GTS1 INTERGENIC REGION >gi 2131614 pir  S61134 hypothetical protein YGL183c - yeast (Saccharomyces cerevisiae) >gi 1143564 gnl  PI Dle199057 (X91489) putative HMG box [Saccharomyces cerevisiae]	0.39
5155	AL010208	Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-103, complete sequence	0.13	1850115	(Z86089) fadD2 [Mycobacterium tuberculosis]	1.5
5156	U07807	Human metallothionein IV (MTIV) gene, complete cds.	0.004	<NONE>	<NONE>	<NONE>
5157	AF048991	Homo sapiens MutS homolog 5 (MSH5) gene, exons 13 through 25 and complete cds	0.001	3986756	(AF109905) NG23 [Mus musculus]	0.007

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5158	U39079	Schizosaccharomyces pombe ARS binding protein 1	0.50	<NONE>	<NONE>	<NONE>
5159	X01706	Mouse intracisternal A-particle (IAP) gene 62 long terminal repeat (LTR)	0.41	2224713	(AB002384) KIAA0386 [Homo sapiens]	8e-04
5160	AF030558	Rattus norvegicus phosphatidylinositol 5-phosphate 4-kinase gamma mRNA, complete cds	8e-13	<NONE>	<NONE>	<NONE>
5161	L06453	Strongylocentrotus purpuratus (clone C) high mobility group 1 protein (HMG1 homologue) gene, complete cds.	0.33	3914031	BETA-GALACTOSIDE SPECIFIC LECTIN I A CHAIN (MLA) (ML-I A) (RRNA N-GLYCOSIDASE)	0.087
5162	Z68320	Caenorhabditis elegans cosmid W07A12, complete sequence [Caenorhabditis elegans]	0.28	2500558	PUTATIVE RIBONUCLEASE III (RNASE III) >gi 3876420 gnl PI D e1346063 (Z81070) similar to ribonuclease [Caenorhabditis elegans]	2e-25
5163	U40397	Mus musculus serum amyloid A-4 protein (Saa4) gene, complete cds	5e-04	<NONE>	<NONE>	<NONE>
5164	X00367	Chlamydomonas chloroplast DNA region with ARS element 03 (ARS = autonomously replicating sequence)	0.046	<NONE>	<NONE>	<NONE>



SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5165	U43838	Glycine max choline kinase GmCK1p mRNA, complete cds	1.2	132918	50S RIBOSOMAL PROTEIN L35, CHLOROPLAST PRECURSOR (CL35) >gi 81486 pir  A36107 ribosomal protein L35 precursor, chloroplast - spinach oleracea]	2.4
5166	U67590	Methanococcus jannaschii section 132 of 150 of the complete genome	0.097	<NONE>	<NONE>	<NONE>
5167	AB006787	Mus musculus mRNA for apoptosis signal-regulating kinase 1, complete cds	0.39	1263187	(U24215) HOMODA hydrolase [Pseudomonas putida] putida]	0.83
5168	U43567	Trypanosoma cruzi kinetoplast maxicircle DNA, clone TRCKPMAX	0.054	<NONE>	<NONE>	<NONE>
5169	U04706	Bos taurus 50 kDa protein (adp50) mRNA, complete cds.	0.0	2498104	ADRENAL MEDULLA 50 KD PROTEIN	8e-83
5170	L14684	Rattus norvegicus nuclear-encoded mitochondrial elongation factor G mRNA, complete cds.	e-137	585084	ELONGATION FACTOR G, MITOCHONDRIAL PRECURSOR (MEF-G) >gi 543383 pir  S40780 translation elongation factor G, mitochondrial - rat >gi 310102	3e-59
5171	U01120	Human glucose-6-phosphatase mRNA, complete cds. >	2e-04	544361	GLUCOSE-6-PHOSPHATASE (G6PASE) 3.1.3.9) - human >gi 452444 (U01120) glucose-6-phosphatase [Homo sapiens]	4e-12

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5172	D87671	Rat mRNA for TIP120, complete cds	e-144	1799570	(D87671) TIP120 [Rattus norvegicus]	3e-69
5173	U22296	Rattus norvegicus casein kinase I gamma 1 isoform mRNA, complete cds	e-120	3024053	CASEIN KINASE I, GAMMA 1 ISOFORM kinase 1 gamma 1 isoform [Rattus norvegicus]	8e-54
5174	Y07648	A.thaliana nit2 gene, nit1 gene and nit3 gene	0.007	2429486	(AF025464) No definition line found [Caenorhabditis elegans]	9.5
5175	AB013721	Oryctolagus cuniculus mRNA for mitsugumin 23, complete cds	3e-91	3628745	(AB013721) mitsugumin 23 [Oryctolagus cuniculus]	0.006
5176	M74069	Saccharomyces cerevisiae endochitinase (CTS1-1) gene, complete cds.	2.5	<NONE>	<NONE>	<NONE>
5177	Z61469	H.sapiens CpG DNA, clone 52h1, forward read cpg52h1.ft1a	1e-77	1184072	(U40766) COL-1 [Meloidogyne incognita]	0.002
5178	AF015043	Homo sapiens EH-binding protein mRNA, partial cds	0.0	2492914	APOLIPOPROTEIN C-IV PRECURSOR cluster E-C1-C2 linked gene [Mus musculus]	3.0
5179	X74560	H.sapiens (clone pS2) sequence	3e-04	3687469	(AL031798) putative diphthine synthase	3e-23
5180	X94768	H.sapiens RP3 gene (XLRP gene 3)	1e-05	<NONE>	<NONE>	<NONE>
5181	X80937	M.musculus mRNA for RIP1 protein	0.48	107750	synapsin Ib - human	3e-04
5182	M12759	Human Ig J chain gene, exons 3 and 4.	0.036	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5183	M30773	Human calcineurin B mRNA, complete cds	0.002	3878494	(Z79602) predicted using Genefinder; Similarity to Yeast hypothetical protein YAE2 gene; cDNA EST EMBL:M88949 comes from this gene	3e-06
5184	U08831	Human immunodeficiency virus type 1, sample 019 from Thailand (E2TH019W.01d1sCD), envelope glycoprotein c2v3 region (env) gene, partial cds.	0.015	<NONE>	<NONE>	<NONE>
5185	Z98303	Human DNA sequence from BAC 140H19 on chromosome Xq24-25. Contains STS	0.005	<NONE>	<NONE>	<NONE>
5186	AE000952	Archaeoglobus fulgidus section 155 of 172 of the complete genome	2e-07	3257245	(AP000003) 571aa long hypothetical oxaloacetate decarboxylase alpha chain [Pyrococcus horikoshii]	5e-08
5187	L48476	Homo sapiens (subclone 3_e10 from P1 H21) DNA sequence.	2e-04	3877439	(Z72510) similarity to yeast UTR3 protein (Swiss Prot accession number P21374); cDNA EST EMBL:D72822 comes from this gene; cDNA EST EMBL:D75763 comes from this gene; cDNA EST yk274e3.3 comes from this gene; cDNA EST	0.19

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
					yk274e3....	
5188	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	3e-09	<NONE>	<NONE>	<NONE>
5189	AF055022	Homo sapiens clone 24684 mRNA sequence	e-102	2708743	(AC003952) putative Tal-1-like reverse transcriptase	4.0
5190	AJ009761	Homo sapiens mRNA for putative dimethyladenosine transferase, partial	e-121	4050050	(AF102147) putative dimethyladenosine transferase [Homo sapiens]	8e-48
5191	Y08238	H.pylori clpB gene	0.27	1572756	(U70848) C43G2.1 gene product [Caenorhabditis elegans]	1e-21
5192	<NONE>	<NONE>	<NONE>	2828280	(AL021687) putative protein [Arabidopsis thaliana] >gi 2832633 gnl PI D e1249651 (AL021711) putative protein [Arabidopsis thaliana]	9e-36
5193	J00747	Rat insulin-I (ins-1) gene.	6e-05	4154522	(AE001441) putative [Helicobacter pylori]	3.2
5194	U64454	Human 3' of immunoglobulin heavy chain locus	0.83	281204	gene LF3 protein - human herpesvirus 4 virus]	0.069

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5195	AB002383	Human mRNA for KIAA0385 gene, complete cds	8e-13	2498318	DXS6673E PROTEIN retardation candidate gene [Homo sapiens]	2e-24
5196	M81840	Human NRL gene product mRNA, complete cds.	0.029	3875740	(Z81497) similar to mannosyl-oligosaccharide alpha-1, 2-mannosidase; cDNA EST EMBL:D67155 comes from this gene; cDNA EST EMBL:D64219 comes from this gene; cDNA EST yk260e12.3 comes from this gene; cDNA EST yk260e12.5 comes f...	6e-18
5197	U12523	Rattus norvegicus ultraviolet B radiation-activated UV98 mRNA, partial sequence.	1e-10	3219914	HYPOTHETICAL 16.8 KD PROTEIN C30D10.04 IN CHROMOSOME II >gi 2276353 gnl PI D e330328 pombe]	2e-11
5198	AB017026	Mus musculus mRNA for oxysterol-binding protein, complete cds	0.0	3551523	(AB017026) oxysterol-binding protein	e-120
5199	U83981	Homo sapiens apoptosis associated protein (GADD34) mRNA, complete cds	e-119	3258618	(U83981) apoptosis associated protein [Homo sapiens]	7e-26

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5200	U37580	Streptomyces coelicolor phosphotyrosine protein phosphatase (ptpA) gene, putative cystathionine gamma-lyase (cysA) gene, and LysR-like protein gene, complete cds	0.048	2459916	(AF005859) anon2D7 [Drosophila melanogaster]	0.18
5201	D00723	Human mRNA for hydrogen carrier protein, a component of an enzyme complex, glycine synthase (EC 2.1.2.10)	3e-19	<NONE>	<NONE>	<NONE>
5202	X89366	A.thaliana DNA for 40 kDa protein gene	0.025	1209669	(U38810) CAGR1 [Homo sapiens] >gi 3098420 (AF040945) homeotic regulator homolog MAB21 [Mus musculus]	0.008
5203	AF067158	HIV-1 isolate 301905 from India, complete genome	2.4	<NONE>	<NONE>	<NONE>
5204	U09954	Human ribosomal protein L9 gene, 5' region and complete cds.	5e-37	<NONE>	<NONE>	<NONE>
5205	AF029984	Lycopersicon esculentum COP1 homolog (COP1) mRNA, complete cds	7e-37	4090943	(AF029984) COP1 homolog [Lycopersicon esculentum]	2e-49
5206	U43076	Mus musculus cdc37 homolog mRNA, complete cds	2e-17	2655422	(AF035530) CDC37 [Gallus gallus]	2e-22

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5207	U07745	Lycopersicon esculentum biotin-containing subunit of methylcrotonyl-CoA carboxylase mRNA, partial cds.	4e-32	533707	(U12536) 3-methylcrotonyl-CoA carboxylase precursor	4e-49
5208	X74465	Human papillomavirus type 10 genomic DNA	1.3	3879121	(Z70310) predicted using Genefinder; Similarity to Mouse ankyrin (PIR Acc. No. S37771); cDNA EST EMBL:T01923 comes from this gene; cDNA EST EMBL:D32335 comes from this gene; cDNA EST EMBL:D32723 comes from this gene; cDNA ES... Genefinder; Similarity to M	2e-56
5209	X99261	A.evecta gene encoding blue-light photoreceptor, intron	0.14	2257939	(AF005665) properdin [Homo sapiens]	7.6
5210	M35296	Human tyrosine kinase arg gene mRNA.	1.1	1125781	(U42841) short region of weak similarity to chicken limb deformity protein (PIR:S24286) [Caenorhabditis elegans]	0.61
5211	Z57610	H.sapiens CpG DNA, clone 187a10, reverse read cpg187a10.rtl a.	e-102	404764	(L10409) fork head related protein [Mus musculus]	1e-16

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5212	X85753	Homo sapiens mRNA for CDK8 protein kinase > :: emb A61243 A61243 Sequence 1 from Patent WO9709432	6e-59	1171821	NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 5 >gi 559499 gnl PI D e1192548 (X54253) ND5 protein	9.5
5213	U27341	Bos taurus endothelin converting enzyme-2 Sequence 1 from patent US 5736376	7e-61	2136744	endothelin converting enzyme-2 - bovine	3e-29
5214	U63648	Mus musculus p160 myb-binding protein (P160) mRNA, complete cds	4e-58	2645205	(U63648) p160 myb-binding protein [Mus musculus]	2e-34
5215	AF035940	Homo sapiens MAGOH mRNA, complete cds	e-140	2306969	(AF007860) xl-Mago [Xenopus laevis]	3e-76
5216	X80045	O.aries mRNA for acetyl-CoA carboxylase	2e-54	542750	acetyl-CoA carboxylase (EC 6.4.1.2) - human sapiens >gi 740964 prf 2006242A Ac-CoA carboxylase	8e-10
5217	Z46372	R.norvegicus RNA for DNA topoisomerase II.	e-134	3876360	(Z68315) Similarity to Human MAP kinase phosphatase-1 (SW:PTN7_HUMAN) [Caenorhabditis elegans]	3e-12
5218	AF035940	Homo sapiens MAGOH mRNA, complete cds	e-143	2330011	(AF007862) mm-Mago [Mus musculus] >gi 2909828 (AF035939) similar to mago nashi [Mus musculus] >gi 2909830	7e-81



SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5219	Z72521	Human DNA sequence from cosmid N29F4 on chromosome 22q11.2-qter contains STS	6e-04	<NONE>	<NONE>	<NONE>
5220	S74340	{clone E572, estrogen induced gene} [rats, Sprague-Dawley, hypothalamus, mRNA Partial, 130 nt]	4e-29	<NONE>	<NONE>	<NONE>
5221	AL008711	Human DNA sequence from PAC 390N22 on chromosome Xp22.2	0.33	1184707	(U40868) folypolyglutamate synthetase [Homo sapiens]	7.9
5222	AE000012	Mycoplasma pneumoniae section 12 of 63 of the complete genome	0.15	<NONE>	<NONE>	<NONE>
5223	D78333	Human mRNA for testis-specific TCP20, complete cds	e-113	2501141	T-COMPLEX PROTEIN 1, ZETA-LIKE SUBUNIT (TCP-1-ZETA-LIKE) (CCT-ZETA-LIKE) TCP20 [Homo sapiens]	2e-42
5224	AF042333	Oryza sativa 24-methylene lophenol C24(1)methyltransferase mRNA, complete cds	0.003	3883124	(AF082300) arabinogalactan-protein [Arabidopsis thaliana]	0.006
5225	U15426	Human anonymous mRNA sequence with CCA repeat region.	4e-06	1123105	(U42438) similar to S. cerevisiae longevity-assurance protein 1 (SP:P38703) [Caenorhabditis elegans]	0.34

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5226	AF052497	Homo sapiens clone B18 unknown mRNA	0.003	1144514	(U34781) Antho-LWamidII preprohormone [Anthopleura elegantissima] >gi 1586846 prf 2204411A preprohormone	4.3
5227	D86590	Zinnia elegans mRNA for cinnamyl alcohol dehydrogenase, partial cds	0.13	<NONE>	<NONE>	<NONE>
5228	AF081144	Rattus norvegicus CL1AA mRNA, complete cds	5e-14	1718004	TEGUMENT PROTEIN UL49 HOMOLOG herpesvirus 1] >gi 995634 (Z54206) UL49 [Bovine herpesvirus 1] >gi 2653299 gnl PI D e1187295 (AJ004801) virion protein (tegument) [Bovine herpesvirus type 1.1]	1.4
5229	M63016	Human X chromosome enhancer-like sequence.	6e-04	<NONE>	<NONE>	<NONE>
5230	L24755	Mus musculus bone morphogenetic protein (Bmp-1) mRNA, complete cds.	1.2	<NONE>	<NONE>	<NONE>
5231	<NONE>	<NONE>	<NONE>	2828280	(AL021687) putative protein [Arabidopsis thaliana] >gi 2832633 gnl PI D e1249651 (AL021711) putative protein [Arabidopsis thaliana]	9e-36

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5232	U27341	Bos taurus endothelin converting enzyme-2 Sequence 1 from patent US 5736376	1e-22	2136744	endothelin converting enzyme-2 - bovine	2e-09
5233	M81840	Human NRL gene product mRNA, complete cds.	0.030	3875740	(Z81497) similar to mannosyl-oligosaccharide alpha-1, 2-mannosidase; cDNA EST EMBL:D67155 comes from this gene; cDNA EST EMBL:D64219 comes from this gene; cDNA EST yk260e12.3 comes from this gene; cDNA EST yk260e12.5 comes f...	6e-18
5234	AJ000097	Homo sapiens mRNA for EYA1B gene	2.7	3395586	(AL031179) similarity to phosphomannomutases [Schizosaccharomyces pombe]	6e-38
5235	U30788	Rattus norvegicus Tclone4 mRNA	1e-68	3523162	(AF076292) TGF-beta/activin signal transducer FAST-1p	1.4
5236	U88964	Human HEM45 mRNA, complete cds	0.0	2062680	(U88964) HEM45 [Homo sapiens]	7e-77
5237	AF061016	Homo sapiens UDP-glucose dehydrogenase (UGDH) mRNA, complete cds	0.0	3127127	(AF061016) UDP-glucose dehydrogenase [Homo sapiens] dehydrogenase [Homo sapiens]	5e-90
5238	D43921	Mouse AZ1 mRNA for pre-acrosome localization protein, complete cds	3e-15	2137118	acrosomal protein AZ1 - mouse localization protein [Mus musculus]	0.007

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5239	AF056022	Homo sapiens p60 katanin mRNA, complete cds	0.0	3283072	(AF056022) p60 katanin [Homo sapiens]	2e-60
5240	U77949	Human Cdc6-related protein (HsCDC6) mRNA, complete cds	1e-83	<NONE>	<NONE>	<NONE>
5241	AJ005016	Homo sapiens mRNA for putative ABC transporter, partial	0.0	3005931	(AJ005016) ABC transporter [Homo sapiens]	3e-70
5242	X56756	Sheep mRNA for tumor necrosis factor alpha	4.5	<NONE>	<NONE>	<NONE>
5243	AF020833	Homo sapiens eukaryotic translation initiation factor 3 subunit (p42) mRNA, complete cds	0.0	2460200	(AF020833) eukaryotic translation initiation factor 3 subunit [Homo sapiens]	e-158
5244	X69878	H.sapiens Flt4 mRNA for transmembrane tyrosine kinase	4e-43	<NONE>	<NONE>	<NONE>
5245	M27826	Human endogenous retroviral protease mRNA, complete cds.	1e-66	<NONE>	<NONE>	<NONE>
5246	U20285	Human Gps1 (GPS1) mRNA, complete cds	2e-54	644879	(U20285) Gps1 [Homo sapiens]	8e-20
5247	AF049528	Homo sapiens huntingtin-interacting protein HYPA/FBP11 (HYPA) mRNA, partial cds	5e-75	3341990	(AF049528) huntingtin-interacting protein HYPA/FBP11	2e-20

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5248	U87277	Human splicing factor SRp30c gene, exon 1	0.14	267449	HYPOTHETICAL 12.5 KD PROTEIN ZK637.2 IN CHROMOSOME III >gi 102507 pir S15787 hypothetical protein 1 (cosmid ZK637) - Caenorhabditis elegans Genefinder; cDNA EST yk217b5.3 comes from this gene; cDNA EST yk217b5.5 comes from this gene; cDNA EST yk340g12.3	1e-08
5249	D16919	Human HepG2 3' region cDNA, clone hmd3e06	e-164	3152559	(AC002986) Similarity to A. thaliana gene product F21M12.20, gb AC000132. EST gb Z25651 comes from this gene. [Arabidopsis thaliana]	2e-52
5250	AJ006064	Rattus norvegicus mRNA for coronin-like protein	e-142	3757680	(AJ006064) coronin-like protein [Rattus norvegicus]	5e-73
5251	AB011000	Mus musculus mRNA for choline/ethanolamine kinase, complete cds	1e-18	2780752	(AB006607) choline/ethanolamine kinase	0.001

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5252	X80169	M.musculus mRNA for 200 kD protein	0.0	1717793	PROTEIN TSG24 (MEIOTIC CHECK POINT REGULATOR) >gi 1083553 pir  A 55117 tsg24 protein - mouse	e-150

**Table 3** Polynucleotides encoding gene products of a protein family or having a known functional domain(s).

SEQ ID NO:	Validation Sequence	Biological Activity (Profile)	Start	Stop	Score	Direction
3920	393.E10.sp6:148957	7tm_1	531	710	9520	for
2667	172.F10.sp6:133946	7tm_2	45	724	8708	rev
2758	177.C6.sp6:134733	7tm_2	41	697	9828	rev
2933	184.C7.sp6:135556	7tm_2	3	834	8987	for
3129	121.E12.sp6:131940	7tm_2	245	1324	9550	rev
3365	172.A7.sp6:133883	7tm_2	94	761	8743	rev
3418	123.F9.sp6:132333	7tm_2	203	585	8785	rev
3419	123.F9.sp6:132333	7tm_2	203	585	8785	rev
3597	394.G2.sp6:149165	7tm_2	73	793	9209	for
3648	370.C5.sp6:141726	7tm_2	76	770	9269	for
3686	370.B1.sp6:141710	7tm_2	89	662	8791	for
3695	368.A12.sp6:141322	7tm_2	121	719	9015	rev
3696	368.A12.sp6:141322	7tm_2	121	719	9015	rev
4172	219.C10.sp6:139007	7tm_2	46	774	11394	rev
4216	368.D11.sp6:141357	7tm_2	66	775	9384	rev
4228	368.A11.sp6:141321	7tm_2	7	1079	9097	for
4441	99.F7.sp6:131296	7tm_2	534	1265	10956	rev
4442	99.F7.sp6:131296	7tm_2	534	1265	10956	rev
4482	100.D2.sp6:131459	7tm_2	122	1404	9296	rev
4495	395.B12.sp6:149307	7tm_2	79	1432	10427	rev
4525	90.B4.sp6:130874	7tm_2	4	691	9435	for
4616	100.D5.sp6:131462	7tm_2	655	1349	9255	for
4653	100.D7.sp6:131464	7tm_2	357	1346	11461	rev
4654	100.D7.sp6:131464	7tm_2	357	1346	11461	rev
4658	100.H6.sp6:131511	7tm_2	119	1035	10001	rev
4659	100.G6.sp6:131499	7tm_2	363	1188	9901	rev
4660	100.F6.sp6:131487	7tm_2	50	1127	8799	for
4661	100.F6.sp6:131487	7tm_2	50	1127	8799	for
4710	367.H9.sp6:141210	7tm_2	143	1266	11883	rev
4755	370.F4.sp6:141761	7tm_2	78	704	8942	for
4856	367.H11.sp6:141212	7tm_2	176	1227	9975	rev
4885	123.E10.sp6:132322	7tm_2	210	691	9071	rev
4900	123.E10.sp6:132322	7tm_2	210	691	9071	rev
4901	123.E10.sp6:132322	7tm_2	210	691	9071	rev
2656	176.H11.sp6:134606	ANK	207	290	4450	for
2555	180.C9.sp6:135947	asp	156	670	6710	for
3632	368.H11.sp6:141405	asp	136	1226	6880	rev
4205	368.B5.sp6:141327	asp	309	806	6073	for
4251	369.D6.sp6:141546	asp	434	1332	6263	rev
4253	396.F9.sp6:149544	asp	97	1106	5999	rev
4261	216.G10.sp6:139247	asp	74	703	6188	rev
4365	122.H12.sp6:132168	asp	152	1040	6183	rev
4498	80.H6.sp6:130297	asp	61	418	5944	rev
4664	172.E5.sp6:133929	asp	219	976	6434	for
4718	185.D9.sp6:135762	asp	31	872	5944	rev
4733	185.D9.sp6:135762	asp	31	872	5944	rev
4746	176.B10.sp6:134533	asp	253	1446	6079	rev

SEQ ID NO:	Validation Sequence	Biological Activity (Profile)	Start	Stop	Score	Direction
4822	177.F3.sp6:134766	asp	0	894	6336	rev
4854	184.F11.sp6:135596	asp	61	737	6416	rev
4856	367.H11.sp6:141212	asp	81	1187	6182	rev
4929	180.E6.sp6:135968	asp	81	706	6150	for
4931	180.E6.sp6:135968	asp	81	706	6150	for
2723	180.F2.sp6:135976	ATPases	135	627	11664	for
2842	217.H11.sp6:139452	ATPases	2	701	5972	for
3019	216.B1.sp6:139178	ATPases	170	616	6150	for
3046	121.B8.sp6:131900	ATPases	13	635	5867	rev
3190	80.D2.sp6:130245	ATPases	13	386	6068	for
3290	176.C6.sp6:134541	ATPases	85	579	5883	for
3670	369.C10.sp6:141538	ATPases	329	730	6206	for
3998	394.H8.sp6:149183	ATPases	21	571	5954	rev
4119	218.F11.sp6:138852	ATPases	313	816	6057	for
4159	219.A7.sp6:138980	ATPases	88	662	6145	for
4223	368.F9.sp6:141379	ATPases	178	648	5937	for
4384	181.G11.sp6:135354	ATPases	362	769	5900	rev
4473	369.B4.sp6:141520	ATPases	4	412	14130	for
4540	218.C8.sp6:138813	ATPases	12	576	5782	rev
4560	404.G6.sp6:162933	ATPases	86	605	6001	rev
4689	367.H8.sp6:141209	ATPases	17	476	5905	rev
4785	184.E5.sp6:135578	ATPases	184	632	5943	for
4792	184.C6.sp6:135555	ATPases	333	813	5773	for
4847	184.B11.sp6:135548	ATPases	14	498	6140	for
5041	377.C1.sp6:141918	ATPases	4	655	5933	for
3404	176.F10.sp6:134581	Bcl-2	69	356	16419	for
4036	367.F5.sp6:141182	bromodomain	40	210	8810	for
4489	369.D3.sp6:141543	bromodomain	63	230	10270	for
3408	172.E1.sp6:133925	BZIP	146	298	4066	for
3951	393.G5.sp6:148976	BZIP	116	304	5931	for
4850	172.E9.sp6:133933	BZIP	91	260	4366	for
3618	370.B12.sp6:141721	cyclin	118	324	8980	for
3895	395.G6.sp6:149361	cyclin	11	281	6930	for
4536	395.G8.sp6:149363	cyclin	12	279	5950	for
4455	99.F5.sp6:131294	Cys-protease	72	348	18479	for
4684	180.D1.sp6:135951	Cys-protease	38	992	10103	rev
4688	180.D1.sp6:135951	Cys-protease	38	992	10103	rev
4801	177.E4.sp6:134755	Cys-protease	48	326	19999	for
4659	100.G6.sp6:131499	DAG_PE_bind	605	702	6290	rev
4821	377.C8.sp6:141925	Dead_box_helic	172	828	7867	rev
5083	216.A1.sp6:139166	Dead_box_helic	44	589	26532	for
2734	177.G4.sp6:134779	EFhand	79	153	3780	for
2893	185.A1.sp6:135718	EFhand	287	358	2580	rev
3775	377.A5.sp6:141898	EFhand	477	563	3010	for
4056	367.B7.sp6:141136	EFhand	225	272	2500	rev
4152	218.B10.sp6:138803	EFhand	40	114	2640	rev
4153	218.B10.sp6:138803	EFhand	40	114	2640	rev
4154	218.C10.sp6:138815	EFhand	39	113	2640	rev
4905	393.H12.sp6:148995	EFhand	145	231	4640	for
4943	219.A9.sp6:138982	EFhand	685	750	2550	rev



SEQ ID NO:	Validation Sequence	Biological Activity (Profile)	Start	Stop	Score	Direction
2849	218.B5.sp6:138798	Ets_Nterm	340	531	10400	for
2728	180.A2.sp6:135916	FNtypeII	291	423	6400	rev
3018	216.C1.sp6:139190	FNtypeII	501	634	6460	for
4496	218.G1.sp6:138854	FNtypeII	20	141	6180	rev
4914	393.H8.sp6:148991	FNtypeII	448	576	6110	for
2504	181.C3.sp6:135298	G-alpha	66	715	8084	rev
3290	176.C6.sp6:134541	G-alpha	62	690	9062	for
4288	121.B4.sp6:131896	G-alpha	46	447	21415	for
4444	217.D12.sp6:139405	G-alpha	15	702	40404	for
4562	404.B7.sp6:162874	G-alpha	120	682	8424	for
2503	180.A11.sp6:135925	helicase_C	165	479	4494	for
4469	369.C4.sp6:141532	helicase_C	559	756	3732	rev
5020	185.D12.sp6:135765	helicase_C	381	534	5000	for
4241	396.H8.sp6:149567	homeobox	80	230	5170	for
2550	180.E5.sp6:135967	mkk	342	612	5791	for
3407	172.F1.sp6:133937	mkk	94	669	5688	rev
3451	123.A2.sp6:132266	mkk	26	378	7889	for
3600	394.B3.sp6:149106	mkk	32	782	9544	for
3646	370.H4.sp6:141785	mkk	18	307	9394	for
3680	369.G11.sp6:141587	mkk	182	725	5375	for
4175	219.H10.sp6:139067	mkk	280	723	15454	for
4205	368.B5.sp6:141327	mkk	249	725	5502	for
4278	181.C9.sp6:135304	mkk	168	880	5551	rev
4322	121.F6.sp6:131946	mkk	111	730	5399	for
4777	177.E2.sp6:134753	mkk	288	636	5720	rev
4482	100.D2.sp6:131459	PDEase	849	1195	5945	for
2578	181.H11.sp6:135366	protkinase	116	710	5531	for
2712	177.G7.sp6:134782	protkinase	6	511	5445	for
2835	218.C1.sp6:138806	protkinase	127	747	5492	for
2843	218.E1.sp6:138830	protkinase	64	726	5592	rev
2971	217.F4.sp6:139421	protkinase	83	702	5818	rev
3009	217.A4.sp6:139361	protkinase	57	682	5395	rev
3084	121.E2.sp6:131930	protkinase	69	658	5593	rev
3226	100.D8.sp6:131465	protkinase	174	620	5453	for
3274	100.C3.sp6:131448	protkinase	228	736	5616	for
3356	172.B5.sp6:133893	protkinase	148	715	5381	for
3377	172.B6.sp6:133894	protkinase	119	775	5616	for
3451	123.A2.sp6:132266	protkinase	24	384	9797	for
3600	394.B3.sp6:149106	protkinase	357	780	11395	for
3635	377.G11.sp6:141976	protkinase	117	739	5992	for
3646	370.H4.sp6:141785	protkinase	24	275	8338	for
3665	370.F2.sp6:141759	protkinase	33	800	5658	for
3669	369.B10.sp6:141526	protkinase	1	482	5504	rev
3700	369.D2.sp6:141542	protkinase	28	661	5428	for
3710	369.G6.sp6:141582	protkinase	71	631	5751	for
3791	396.C11.sp6:149510	protkinase	27	709	5793	rev
3905	393.H7.sp6:148990	protkinase	88	680	5470	rev
3919	393.D10.sp6:148945	protkinase	72	594	5617	for
4044	367.G4.sp6:141193	protkinase	30	699	5439	for
4072	368.B2.sp6:141324	protkinase	44	800	5556	for

SEQ ID NO:	Validation Sequence	Biological Activity (Profile)	Start	Stop	Score	Direction
4117	218.D11.sp6:138828	protkinase	38	781	6423	for
4175	219.H10.sp6:139067	protkinase	277	717	15720	for
4373	216.E5.sp6:139218	protkinase	115	710	5537	for
4569	100.C10.sp6:131455	protkinase	56	783	5556	rev
4755	370.F4.sp6:141761	protkinase	39	803	5635	for
4760	370.F3.sp6:141760	protkinase	188	775	5771	for
4807	184.H3.sp6:135612	protkinase	23	699	5515	for
5059	180.B5.sp6:135931	protkinase	182	671	5718	rev
5102	393.F4.sp6:148963	protkinase	28	650	5345	for
3671	369.D10.sp6:141550	ras	12	332	9802	for
3936	393.A3.sp6:148902	Thioredox	0	263	5887	rev
3927	393.F11.sp6:148970	TNFR_c6	151	261	6445	for
2956	184.E10.sp6:135583	transmembrane4	19	483	8339	rev
2981	217.E6.sp6:139411	transmembrane4	83	728	8417	for
3836	396.C9.sp6:149508	transmembrane4	300	924	9444	rev
4038	367.A6.sp6:141123	transmembrane4	32	495	8407	rev
4364	123.A1.sp6:132265	transmembrane4	1289	1548	8114	rev
4406	122.C1.sp6:132097	transmembrane4	6	535	8122	for
4431	122.E4.sp6:132124	transmembrane4	10	530	8829	for
4441	99.F7.sp6:131296	transmembrane4	613	1253	9443	rev
4442	99.F7.sp6:131296	transmembrane4	613	1253	9443	rev
4653	100.D7.sp6:131464	transmembrane4	335	1207	8255	rev
4654	100.D7.sp6:131464	transmembrane4	335	1207	8255	rev
4710	367.H9.sp6:141210	transmembrane4	398	1130	8352	rev
4944	180.H7.sp6:136005	transmembrane4	356	983	8356	rev
3381	176.D9.sp6:134556	trypsin	164	764	9670	rev
4684	180.D1.sp6:135951	trypsin	371	1229	10479	rev
4688	180.D1.sp6:135951	trypsin	371	1229	10479	rev
2754	177.H6.sp6:134793	WD_domain	345	437	6510	for
3046	121.B8.sp6:131900	WD_domain	98	193	6400	for
3227	100.B10.sp6:131443	WD_domain	544	642	6590	for
4243	121.A8.sp6:131888	WD_domain	93	188	6400	for
5046	185.F10.sp6:135787	WD_domain	382	480	5880	for
3129	121.E12.sp6:131940	Wnt_dev_sign	101	821	12160	rev
3173	99.G6.sp6:131307	Wnt_dev_sign	49	880	12334	rev
3390	176.C9.sp6:134544	Wnt_dev_sign	249	854	11038	rev
3391	176.C9.sp6:134544	Wnt_dev_sign	249	854	11038	rev
3656	370.G6.sp6:141775	Wnt_dev_sign	211	785	11490	rev
3836	396.C9.sp6:149508	Wnt_dev_sign	282	1017	12318	rev
4253	396.F9.sp6:149544	Wnt_dev_sign	482	1298	11217	rev
4330	122.A2.sp6:132074	Wnt_dev_sign	94	933	12383	rev
4359	123.B2.sp6:132278	Wnt_dev_sign	538	1435	11785	for
4364	123.A1.sp6:132265	Wnt_dev_sign	760	1544	12660	rev
4375	122.G10.sp6:132154	Wnt_dev_sign	29	884	11603	rev
4385	122.A2.sp6:132074	Wnt_dev_sign	94	933	12383	rev
4409	121.F12.sp6:131952	Wnt_dev_sign	9	734	11167	rev
4441	99.F7.sp6:131296	Wnt_dev_sign	560	1399	13749	rev
4442	99.F7.sp6:131296	Wnt_dev_sign	560	1399	13749	rev
4535	395.F10.sp6:149353	Wnt_dev_sign	100	907	11535	rev
4586	123.A4.sp6:132268	Wnt_dev_sign	80	1122	11249	rev

SEQ ID NO:	Validation Sequence	Biological Activity (Profile)	Start	Stop	Score	Direction
4605	404.D5.sp6:162896	Wnt_dev_sign	31	816	11304	rev
4653	100.D7.sp6:131464	Wnt_dev_sign	467	1314	11882	rev
4654	100.D7.sp6:131464	Wnt_dev_sign	467	1314	11882	rev
4665	177.B11.sp6:134726	Wnt_dev_sign	137	1266	12708	rev
4668	177.B11.sp6:134726	Wnt_dev_sign	137	1266	12708	rev
4682	177.B11.sp6:134726	Wnt_dev_sign	137	1266	12708	rev
4710	367.H9.sp6:141210	Wnt_dev_sign	692	1481	12886	rev
4718	185.D9.sp6:135762	Wnt_dev_sign	129	890	11145	rev
4724	377.D2.sp6:141931	Wnt_dev_sign	400	1227	11044	rev
4733	185.D9.sp6:135762	Wnt_dev_sign	129	890	11145	rev
4856	367.H11.sp6:141212	Wnt_dev_sign	295	1669	13366	rev
4866	377.D4.sp6:141933	Wnt_dev_sign	549	1380	14522	rev
4925	219.B12.sp6:138997	Wnt_dev_sign	312	1214	13188	rev
4959	219.B12.sp6:138997	Wnt_dev_sign	312	1214	13188	rev
3409	172.D1.sp6:133913	Y_phosphatase	476	804	6932	for
3418	123.F9.sp6:132333	Y_phosphatase	28	439	6096	rev
3419	123.F9.sp6:132333	Y_phosphatase	28	439	6096	rev
3657	370.H6.sp6:141787	Y_phosphatase	148	554	6481	for
3804	404.B10.sp6:162877	Y_phosphatase	104	466	6446	rev
3806	404.D10.sp6:162901	Y_phosphatase	9	614	6516	for
3974	395.F2.sp6:149345	Y_phosphatase	164	645	6093	rev
4238	121.E9.sp6:131937	Y_phosphatase	240	777	6147	rev
4263	216.F10.sp6:139235	Y_phosphatase	21	504	6342	for
4343	122.E9.sp6:132129	Y_phosphatase	381	807	6036	rev
4363	123.B1.sp6:132277	Y_phosphatase	61	510	6229	rev
4434	219.F4.sp6:139037	Y_phosphatase	2	261	10353	for
4473	369.B4.sp6:141520	Y_phosphatase	231	768	6110	rev
4629	404.E11.sp6:162914	Y_phosphatase	580	920	6005	rev
5094	217.A3.sp6:139360	Y_phosphatase	263	622	6222	rev
2738	177.A6.sp6:134709	Zincfing_C2H2	65	127	4380	for
2760	177.A6.sp6:134709	Zincfing_C2H2	65	127	4380	for
2832	218.B2.sp6:138795	Zincfing_C2H2	94	156	4940	for
3736	377.H8.sp6:141985	Zincfing_C2H2	495	557	4850	for
3762	377.G2.sp6:141967	Zincfing_C2H2	52	114	4380	for
3763	377.G2.sp6:141967	Zincfing_C2H2	52	114	4380	for
4794	377.G4.sp6:141969	Zincfing_C2H2	247	308	3930	for
5090	185.C4.sp6:135745	Zincfing_C2H2	238	300	4540	for
3774	377.E4.sp6:141945	Zincfing_C3HC4	128	244	9335	for
4477	181.E3.sp6:135322	Zincfing_C3HC4	321	445	8221	for

**Table 19. Polynucleotides Specifically Expressed in Colon**

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
3	RTA00000197AF.e.24.1	39250	2	0	0	0	0	0	0	0
7	RTA00000197AR.e.12.1	22095	3	0	0	0	0	0	0	0
16	RTA00000196AF.e.16.1	39252	2	0	0	0	0	0	0	0
18	RTA00000196AF.c.17.1	39602	2	0	0	0	0	0	0	0
21	RTA00000131A.g.19.2	36535	2	0	0	0	0	0	0	0
22	RTA00000187AR.o.10.2	8984	4	3	0	0	0	2	0	0
23	RTA00000198R.b.08.1	22636	3	0	0	0	0	0	0	0
26	RTA00000200R.g.09.1	22785	3	0	0	0	0	0	0	0
29	RTA00000200AF.b.19.1	22847	3	0	0	0	0	0	0	0
31	RTA00000200F.m.15.1	22601	3	0	0	0	1	0	0	0
37	RTA00000181AF.n.15.2	86128	1	0	0	0	0	0	0	0
38	RTA00000196R.k.07.1	22443	2	0	0	0	0	0	0	1
40	RTA00000200AR.e.02.1	36059	2	0	0	0	1	1	1	0
48	RTA00000177AR.a.23.5	6995	4	2	0	0	0	0	0	0
49	RTA00000198R.o.05.1	26702	2	0	0	0	0	0	0	0
50	RTA00000201R.a.02.1	35362	2	0	0	0	0	0	0	0
61	RTA00000197AF.h.11.1	22264	3	0	0	0	0	0	0	0
66	RTA00000199F.c.09.2	16824	3	1	0	0	0	0	0	0
75	RTA00000180AR.h.19.2	84182	1	0	0	0	0	0	0	0
78	RTA00000199R.f.09.1	22907	3	0	0	0	0	0	0	0
79	RTA00000199AF.p.4.1	10282	3	3	0	0	0	0	0	0
85	RTA00000200R.o.03.1	22807	3	0	0	0	0	0	0	0
86	RTA00000189AF.l.22.1	33333	1	1	0	0	0	0	0	0
87	RTA00000195AF.d.20.1	37574	2	0	0	0	0	0	0	0
92	RTA00000198AF.j.18.1	22759	3	0	0	0	0	0	0	0
95	RTA00000180AF.g.3.1	9024	5	2	0	0	0	0	0	0
102	RTA00000199R.j.08.1	37844	2	0	0	0	0	0	0	0
103	RTA00000199F.e.10.1	22906	3	0	0	0	0	0	1	0
105	RTA00000179AF.g.12.3	36390	2	0	0	0	0	0	0	0
108	RTA00000183AR.h.23.2	18957	3	0	0	0	0	0	0	0
109	RTA00000197AF.d.12.1	39546	2	0	0	0	0	0	0	0
116	RTA00000181AR.k.24.3	7005	8	2	0	0	0	0	0	0
119	RTA00000181AR.k.24.2	7005	8	2	0	0	0	0	0	0
124	RTA00000199AR.m.06.1	19122	3	0	0	0	0	0	0	0
129	RTA00000134A.d.10.1	18957	3	0	0	0	0	0	0	0
137	RTA00000181AF.m.4.3	13238	4	1	0	0	0	0	0	0
141	RTA00000196AF.c.6.1	23148	3	0	0	0	0	0	0	0
142	RTA00000198AF.k.19.1	75879	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
143	RTA00000199R.h.09.1	76020	1	0	0	0	0	0	0	0
144	RTA00000198AF.o.18.1	13018	4	0	0	0	1	0	0	0
148	RTA00000199F.h.17.2	36254	2	0	0	0	0	0	0	0
149	RTA00000181AR.h.06.3	87226	1	0	0	0	0	0	0	0
166	RTA00000198AF.f.21.1	22676	3	0	0	0	0	0	0	0
173	RTA00000200AR.b.07.1	17125	4	0	0	0	0	0	0	0
178	RTA00000200F.o.03.1	22807	3	0	0	0	0	0	0	0
180	RTA00000199AF.j.12.1	22461	3	0	0	0	0	0	0	0
185	RTA00000195AF.d.4.1	22766	3	0	0	0	0	0	0	0
194	RTA00000200R.k.01.1	40049	2	0	0	0	0	0	0	0
195	RTA00000198AF.c.10.1	77149	1	0	0	0	0	0	0	0
198	RTA00000197AR.e.07.1	86969	1	0	0	0	0	0	0	0
199	RTA00000199R.c.09.1	16824	3	1	0	0	0	0	0	0
206	RTA00000181AF.o.04.2	22205	3	0	0	0	0	0	0	0
207	RTA00000199AF.l.19.1	22460	3	0	0	0	0	0	0	0
208	RTA00000198AF.h.22.1	22366	2	1	0	0	0	0	0	0
211	RTA00000199AF.m.15.1	10101	3	0	0	0	0	0	0	0
212	RTA00000197AF.j.9.1	13236	4	1	0	0	0	0	0	0
230	RTA00000185AR.b.18.1	12171	3	2	0	0	0	0	0	0
235	RTA00000201AF.a.02.1	35362	2	0	0	0	0	0	0	0
236	RTA00000183AR.h.23.1	18957	3	0	0	0	0	0	0	0
238	RTA00000187AR.k.12.1	78415	1	0	0	0	0	0	0	0
242	RTA00000198AF.m.17.1	77992	1	0	0	0	0	0	0	0
243	RTA00000181AF.m.15.3	12081	4	0	0	0	0	0	0	0
248	RTA00000198R.c.14.1	39814	2	0	0	0	0	0	0	0
249	RTA00000200R.o.03.2	22807	3	0	0	0	0	0	0	0
251	RTA00000192AF.n.13.1	8210	2	6	0	0	0	0	0	0
256	RTA00000184AR.e.15.1	16347	4	0	0	0	0	0	0	0
260	RTA00000198R.m.17.1	77992	1	0	0	0	0	0	0	0
270	RTA00000178R.l.08.1	39648	2	0	0	0	0	0	0	0
278	RTA00000198AF.p.16.1	71877	1	0	0	0	0	0	0	0
280	RTA00000193AF.b.18.1	7542	8	0	0	2	1	0	1	0
284	RTA00000199F.d.10.2	22049	3	0	0	0	0	0	0	0
287	RTA00000200AF.b.07.1	17125	4	0	0	0	0	0	0	0
288	RTA00000181AR.i.06.3	19119	3	0	0	0	0	0	0	0
289	RTA00000196F.k.07.1	22443	2	0	0	0	0	0	0	1
294	RTA00000198AF.k.23.1	8995	2	5	0	0	0	0	0	0
296	RTA00000196AF.f.20.1	22774	3	0	0	0	0	0	0	0
300	RTA00000195AF.c.12.1	37582	2	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
302	RTA00000186AF.d.1.2	40044	2	0	0	1	0	0	0	0
307	RTA00000200F.n.05.2	18989	3	0	0	0	0	0	0	0
308	RTA00000178AF.j.20.1	15066	4	0	0	0	0	0	0	0
310	RTA00000188AF.m.08.1	22155	3	0	0	0	0	0	0	0
315	RTA00000199R.d.23.1	37477	2	0	0	0	0	0	0	0
319	RTA00000200F.n.05.1	18989	3	0	0	0	0	0	0	0
320	RTA00000196AF.m.13.1	16290	4	0	0	0	0	0	0	0
325	RTA00000182AF.d.18.4	37435	2	0	0	0	0	0	0	0
328	RTA00000200AF.g.09.1	22785	3	0	0	0	0	0	0	0
330	RTA00000177AR.m.17.4	14391	3	1	0	0	0	0	0	0
331	RTA00000197AR.c.20.1	16282	4	0	0	0	0	0	0	0
337	RTA00000177AR.m.17.3	14391	3	1	0	0	0	0	0	0
342	RTA00000196AF.d.10.1	22256	3	0	0	0	0	0	0	0
343	RTA00000201F.a.18.1	16837	2	2	0	0	0	0	0	0
344	RTA00000198AF.o.02.1	68756	1	0	0	0	0	0	0	0
345	RTA00000187AF.h.21.1	39171	2	0	0	0	0	0	0	0
347	RTA00000199F.b.03.2	38340	2	0	0	0	0	0	0	0
358	RTA00000198AF.g.7.1	13386	3	2	0	0	0	0	0	0
362	RTA00000197AR.c.24.1	82498	1	0	0	0	0	0	0	0
371	RTA00000197F.e.7.1	86969	1	0	0	0	0	0	0	0
378	RTA00000181AF.k.24.3	7005	8	2	0	0	0	0	0	0
382	RTA00000200AF.j.6.1	22902	3	0	0	0	0	0	0	0
384	RTA00000196AF.h.17.1	39215	2	0	0	0	0	0	0	0
392	RTA00000185AF.b.11.2	9024	5	2	0	0	0	0	0	0
397	RTA00000198AF.b.22.1	38956	2	0	0	0	0	0	0	0
399	RTA00000186AF.m.15.2	40122	2	0	0	0	0	0	0	0
406	RTA00000199F.f.09.2	22907	3	0	0	0	0	0	0	0
408	RTA00000183AR.l.15.1	39383	2	0	0	0	0	0	0	0
413	RTA00000200F.a.12.1	16751	4	0	0	0	0	0	0	0
416	RTA00000199F.a.5.1	22134	3	0	0	0	0	0	0	0
418	RTA00000187AR.k.01.1	78356	1	0	0	0	0	0	0	0
424	RTA00000187AR.j.24.1	78356	1	0	0	0	0	0	0	0
426	RTA00000199AF.o.19.1	36927	2	0	0	0	0	0	0	0
429	RTA00000196F.i.19.1	39498	2	0	0	0	0	0	0	0
430	RTA00000198R.k.23.1	8995	2	5	0	0	0	0	0	0
432	RTA00000198AF.o.05.1	26702	2	0	0	0	0	0	0	0
433	RTA00000198R.j.18.1	22759	3	0	0	0	0	0	0	0
435	RTA00000182AR.c.22.1	16283	3	0	0	0	0	0	0	0
438	RTA00000180AR.g.03.4	9024	5	2	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
451	RTA00000200AF.b.20.1	40403	2	0	0	0	0	0	0	0
455	RTA00000198AF.d.12.1	21142	2	1	0	0	0	0	0	0
456	RTA00000200AF.b.12.1	22053	3	0	0	0	0	0	0	0
457	RTA00000191AR.l.7.2	14391	3	1	0	0	0	0	0	0
461	RTA00000190AF.e.13.1	38961	2	0	0	0	0	0	0	0
462	RTA00000196AF.n.17.1	12477	4	1	0	0	0	0	0	0
467	RTA00000195AF.b.19.1	77678	1	0	0	0	0	0	0	0
475	RTA00000187AR.m.3.3	17055	4	0	0	0	0	0	0	0
476	RTA00000200R.g.15.1	22898	3	0	0	0	0	0	0	0
482	RTA00000187AF.j.7.1	78091	1	0	0	0	0	0	0	0
485	RTA00000196AF.c.14.1	23105	3	0	0	0	0	0	0	0
486	RTA00000190AR.p.22.2	16368	4	0	0	0	0	0	0	0
492	RTA00000198AF.b.8.1	22636	3	0	0	0	0	0	0	0
493	RTA00000177AF.m.17.1	14391	3	1	0	0	0	0	0	0
494	RTA00000200AF.k.1.1	40049	2	0	0	0	0	0	0	0
498	RTA00000190AF.h.12.1	12977	5	0	0	0	0	0	0	0
499	RTA00000199F.b.22.2	17018	4	0	0	0	0	0	0	0
508	RTA00000187AF.i.14.2	19406	2	1	0	0	0	0	0	0
511	RTA00000196AF.g.10.1	12498	3	1	1	0	0	0	0	0
517	RTA00000184AF.e.14.1	16347	4	0	0	0	0	0	0	0
522	RTA00000178AR.h.17.2	23824	2	1	0	0	0	0	0	0
531	RTA00000195F.a.3.1	27179	2	0	0	0	0	0	0	0
544	RTA00000196F.j.13.1	23170	3	0	0	0	0	0	0	0
547	RTA00000196AF.g.8.1	39665	2	0	0	0	0	0	0	0
549	RTA00000198AF.c.16.1	26801	2	0	0	0	0	0	0	0
553	RTA00000201F.b.22.1	35728	2	0	0	0	0	0	0	1
559	RTA00000197AF.p.20.1	22795	3	0	0	0	0	0	0	0
563	RTA00000192AR.o.16.2	9061	5	2	0	0	0	0	0	0
565	RTA00000191AF.c.10.1	40422	2	0	0	0	0	0	0	0
568	RTA00000196AF.p.01.2	87143	1	0	0	0	0	0	0	0
578	RTA00000180AF.g.17.1	16653	3	1	0	0	0	0	0	0
583	RTA00000190AR.h.12.2	12977	5	0	0	0	0	0	0	0
585	RTA00000198AF.n.18.1	16715	3	1	0	0	0	0	0	0
586	RTA00000199R.o.11.1	23172	3	0	0	0	0	0	0	0
588	RTA00000191AF.b.4.1	14936	3	0	0	0	0	0	0	0
589	RTA00000192AF.l.1.1	16392	3	0	0	0	0	0	0	0
593	RTA00000196R.c.14.2	23105	3	0	0	0	0	0	0	0
595	RTA00000195R.a.06.1	35265	2	0	1	0	0	0	0	0
602	RTA00000195AF.b.21.1	39055	2	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
612	RTA00000197AR.e.22.1	78758	1	0	0	0	0	0	0	0
615	RTA00000197R.p.20.1	22795	3	0	0	0	0	0	0	0
618	RTA00000192AF.a.14.1	6874	6	3	0	0	1	0	0	0
623	RTA00000198R.b.24.1	19047	3	0	0	0	0	0	0	0
627	RTA00000199F.h.15.2	22269	3	0	0	0	0	0	0	0
628	RTA00000198AF.g.16.1	6602	1	1	0	0	0	0	0	0
634	RTA00000192AF.j.6.1	11494	4	0	0	0	0	0	0	0
635	RTA00000181AF.p.7.3	38773	2	0	0	0	0	0	0	0
637	RTA00000200AF.g.15.1	22898	3	0	0	0	0	0	0	0
643	RTA00000184AF.c.9.1	16245	4	0	0	0	0	0	0	0
645	RTA00000177AF.k.9.1	16245	4	0	0	0	0	0	0	0
649	RTA00000190AR.l.19.2	88204	1	0	0	0	0	0	0	0
662	RTA00000201R.a.15.1	57347	1	0	0	0	0	0	0	0
664	RTA00000195R.a.23.1	86432	1	0	0	0	0	0	0	0
670	RTA00000186AF.p.17.3	38383	2	0	0	0	0	0	0	0
674	RTA00000197AR.e.24.1	39250	2	0	0	0	0	0	0	0
683	RTA00000187AR.j.01.1	79028	1	0	0	0	0	0	0	0
686	RTA00000201F.f.07.1	51116	1	0	0	0	0	0	0	0
694	RTA00000201R.c.19.1	22357	2	1	0	0	0	0	0	0
702	RTA00000177AR.b.8.5	17062	3	0	0	0	0	0	0	0
712	RTA00000201F.b.21.1	9071	3	4	0	0	0	0	0	0
717	RTA00000200F.o.10.2	36432	2	0	0	0	0	0	0	0
718	RTA00000196F.l.14.2	23144	3	0	0	0	0	0	0	0
725	RTA00000197AF.b.1.1	12134	1	1	0	0	0	0	0	0
733	RTA00000200AF.d.20.1	26600	2	0	0	0	0	0	0	0
743	RTA00000178AF.k.9.1	16342	3	0	0	0	0	0	0	0
748	RTA00000198AF.b.24.1	19047	3	0	0	0	0	0	0	0
757	RTA00000406F.d.16.1	15040	2	2	0	0	0	0	0	0
760	RTA00000408F.o.12.2	78578	1	0	0	0	0	0	0	0
761	RTA00000119A.j.15.1	79623	1	0	0	0	0	0	0	0
762	RTA00000413F.d.12.1	66467	1	0	0	0	0	0	0	0
763	RTA00000423F.i.12.1	9118	4	3	0	0	0	0	0	0
766	RTA00000411F.k.05.1	64777	1	0	0	0	0	0	0	0
769	RTA00000419F.b.09.1	78128	1	0	0	0	0	0	0	0
772	RTA00000411F.m.15.1	78014	1	0	0	0	0	0	0	0
774	RTA00000123A.k.23.1	80313	1	0	0	0	0	0	0	0
777	RTA00000130A.m.15.1	81630	1	0	0	0	0	0	0	0
778	RTA00000411F.k.20.1	64973	1	0	0	0	0	0	0	0
780	RTA00000418F.k.05.1	73021	1	0	0	0	0	0	0	0



SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
781	RTA00000423F.h.18.1	37972	2	0	0	0	0	0	0	0
783	RTA00000422F.p.06.2	39282	2	0	0	0	0	0	0	0
784	RTA00000404F.n.16.2	39095	2	0	0	0	0	0	0	0
785	RTA00000411F.m.24.1	77568	1	0	0	0	0	0	0	0
786	RTA00000134A.j.10.1	81383	1	0	0	0	0	0	0	0
787	RTA00000409F.j.02.1	76417	1	0	0	0	0	0	0	0
788	RTA00000403F.j.15.1	23840	2	1	0	0	0	0	0	0
789	RTA00000411F.n.11.1	77276	1	0	0	0	0	0	0	0
790	RTA00000339F.i.13.1	5970	6	4	0	0	0	0	0	0
792	RTA00000406F.o.15.1	37482	2	0	0	0	0	0	0	0
793	RTA00000412F.g.04.2	64457	1	0	0	0	0	0	0	0
795	RTA00000352R.l.06.1	40343	2	0	0	0	0	0	0	0
796	RTA00000419F.b.12.1	63148	1	0	0	0	0	0	0	0
797	RTA00000423F.k.17.2	37512	2	0	0	0	0	0	0	0
799	RTA00000418F.k.14.1	76133	1	0	0	0	0	1	0	0
800	RTA00000409F.l.12.1	26755	1	0	0	0	0	0	0	0
801	RTA00000404F.c.20.1	39088	2	0	0	0	0	0	1	0
802	RTA00000423F.g.09.1	38958	2	0	0	0	0	0	0	0
804	RTA00000406F.d.12.1	38575	2	0	0	0	0	0	0	0
805	RTA00000411F.f.02.1	63386	1	0	0	0	0	0	0	0
806	RTA00000129A.n.21.1	79381	1	0	0	0	0	0	0	0
807	RTA00000409F.m.12.1	73490	1	0	0	0	0	0	0	0
808	RTA00000410F.c.04.1	74099	1	0	0	0	0	0	0	0
810	RTA00000406F.m.09.1	26891	2	0	0	0	0	0	0	0
811	RTA00000411F.b.06.1	77884	1	0	0	0	0	0	0	0
812	RTA00000409F.l.21.1	73143	1	0	0	0	0	0	0	0
818	RTA00000404F.l.20.2	38638	2	0	0	0	0	0	0	0
819	RTA00000413F.d.18.1	65305	1	0	0	0	0	0	0	0
820	RTA00000404F.p.04.2	39069	2	0	0	0	0	0	0	0
821	RTA00000405F.g.19.2	37150	2	0	0	0	0	0	0	0
822	RTA00000409F.a.22.1	75200	1	0	0	0	0	0	0	0
824	RTA00000405F.o.18.1	11016	4	2	0	0	0	0	0	0
829	RTA00000408F.e.22.2	26930	1	0	0	0	0	0	0	0
831	RTA00000413F.d.16.1	63331	1	0	0	0	0	0	0	0
834	RTA00000419F.g.08.1	66700	1	0	0	0	0	0	0	0
835	RTA00000122A.g.16.1	81366	1	0	0	0	0	0	0	0
836	RTA00000419F.c.16.1	65254	1	0	0	0	0	0	0	0
837	RTA00000411F.b.03.1	23634	1	2	0	0	0	0	0	0
842	RTA00000403F.l.20.1	18267	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
845	RTA00000411F.a.02.1	78537	1	0	0	0	0	0	0	0
847	RTA00000412F.l.04.1	66372	1	0	0	0	0	0	0	0
849	RTA00000406F.a.23.1	38712	2	0	0	0	0	0	0	0
851	RTA00000120A.n.19.3	80004	1	0	0	0	0	0	0	0
852	RTA00000403F.e.01.1	38965	2	0	0	0	0	0	0	0
853	RTA00000411F.l.03.1	62702	1	0	0	0	0	0	0	0
856	RTA00000121A.m.2.1	81064	1	0	0	0	0	0	0	0
858	RTA00000418F.j.12.1	73316	1	0	0	0	0	0	0	0
862	RTA00000125A.g.16.1	21497	2	1	0	0	0	0	0	0
863	RTA00000418F.o.18.1	78676	1	0	0	0	0	0	0	0
865	RTA00000408F.k.14.1	73856	1	0	0	0	0	0	0	0
871	RTA00000403F.o.15.1	39140	2	0	0	0	0	0	0	0
872	RTA00000341F.m.13.1	26502	1	0	0	0	0	0	0	0
873	RTA00000408F.h.03.1	78382	1	0	0	0	0	0	0	0
874	RTA00000423F.k.05.1	37472	2	0	0	0	0	0	0	0
876	RTA00000418F.p.19.1	78544	1	0	0	0	0	0	0	0
877	RTA00000420F.f.06.1	64812	1	0	0	0	0	0	0	0
878	RTA00000122A.j.18.1	81317	1	0	0	0	0	0	0	0
879	RTA00000420F.d.05.1	64432	1	0	0	0	0	0	0	0
880	RTA00000403F.m.18.1	39185	2	0	0	0	0	0	0	0
882	RTA00000411F.j.05.1	40709	1	1	0	0	0	0	0	0
883	RTA00000403F.a.04.1	23529	2	1	0	0	0	0	0	0
885	RTA00000406F.f.12.1	21895	2	1	0	0	0	0	0	0
886	RTA00000418F.g.22.1	74837	1	0	0	0	0	0	0	0
888	RTA00000404F.l.20.1	38638	2	0	0	0	0	0	0	0
889	RTA00000408F.i.08.2	75811	1	0	0	0	0	0	0	0
890	RTA00000122A.d.5.1	81155	1	0	0	0	0	0	0	0
894	RTA00000419F.b.19.1	65534	1	0	0	0	0	0	0	0
896	RTA00000418F.k.19.1	74932	1	0	0	0	0	0	0	0
900	RTA00000419F.g.12.1	66171	1	0	0	0	0	0	0	0
901	RTA00000404F.n.11.2	38001	2	0	0	0	0	0	0	0
904	RTA00000419F.o.24.1	65092	1	0	0	0	0	0	0	0
905	RTA00000419F.k.19.1	75447	1	0	0	0	0	0	0	0
907	RTA00000127A.i.20.1	81418	1	0	0	0	0	0	0	0
908	RTA00000422F.g.22.1	22561	3	0	0	0	0	0	0	0
910	RTA00000413F.h.13.1	65190	1	0	0	0	0	0	0	0
913	RTA00000348R.j.16.1	7005	8	2	0	0	0	0	0	0
916	RTA00000418F.n.22.1	79062	1	0	0	0	0	0	0	0
917	RTA00000406F.l.08.1	39016	2	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
920	RTA00000409F.j.07.1	75190	1	0	0	0	0	0	0	0
923	RTA00000411F.e.22.1	63638	1	0	0	0	0	0	0	0
924	RTA00000347F.a.17.1	16723	3	1	0	0	0	0	0	0
926	RTA00000404F.n.20.1	26865	2	0	0	0	0	0	0	0
929	RTA00000404F.b.02.1	38984	2	0	0	0	0	0	0	0
931	RTA00000403F.b.10.1	73268	1	0	0	0	0	0	0	0
932	RTA00000406F.i.12.1	39080	2	0	0	0	0	0	0	0
933	RTA00000406F.h.08.1	16228	2	2	0	0	0	0	0	0
934	RTA00000418F.i.19.1	79180	1	0	0	0	0	0	0	0
936	RTA00000412F.h.21.1	64348	1	0	0	0	0	0	0	0
938	RTA00000120A.g.18.1	81255	1	0	0	0	0	0	0	0
940	RTA00000423F.j.05.1	37958	2	0	0	0	0	0	0	0
941	RTA00000132A.k.6.1	81284	1	0	0	0	0	0	0	0
943	RTA00000406F.p.04.1	37458	2	0	0	0	0	0	0	0
944	RTA00000347F.a.13.1	22446	3	0	0	0	0	0	0	0
945	RTA00000419F.p.23.1	64748	1	0	0	0	0	0	0	0
946	RTA00000419F.d.17.1	64353	1	0	0	0	0	0	0	0
949	RTA00000124A.k.5.1	80252	1	0	0	0	0	0	0	0
950	RTA00000404F.h.22.1	18735	2	1	0	0	0	0	1	0
952	RTA00000410F.o.05.1	75262	1	0	0	0	0	0	0	0
953	RTA00000339R.l.14.1	19119	3	0	0	0	0	0	0	0
954	RTA00000403F.m.13.2	39077	2	0	0	0	0	0	0	0
957	RTA00000419F.g.22.1	64515	1	0	0	0	0	0	0	0
958	RTA00000404F.g.21.1	37947	2	0	0	0	0	0	0	0
960	RTA00000138A.n.4.1	21920	2	1	0	0	0	0	0	0
961	RTA00000410F.b.15.1	77100	1	0	0	0	0	0	0	0
963	RTA00000419F.j.23.1	74470	1	0	0	0	0	0	0	0
964	RTA00000411F.j.02.1	65310	1	0	0	0	0	0	0	0
965	RTA00000419F.p.24.1	63477	1	0	0	0	0	0	0	0
966	RTA00000404F.a.19.1	38624	2	0	0	0	0	0	0	0
973	RTA00000346F.e.13.1	74653	1	0	0	0	0	0	0	0
974	RTA00000419F.c.18.1	41394	1	1	0	0	0	0	0	0
978	RTA00000404F.e.22.1	11344	3	3	0	0	0	0	0	0
981	RTA00000125A.k.10.1	81644	1	0	0	0	0	0	0	0
982	RTA00000347F.c.06.1	18846	2	1	0	0	0	0	0	0
983	RTA00000411F.k.19.1	64200	1	0	0	0	0	0	0	0
984	RTA00000345F.i.09.1	27250	2	0	0	0	0	0	0	0
985	RTA00000423F.k.01.1	40426	2	0	0	0	0	0	0	0
986	RTA00000408F.d.06.1	78997	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
987	RTA00000128A.b.20.1	79761	1	0	0	0	0	0	0	0
989	RTA00000195AF.d.4.1	22766	3	0	0	0	0	0	0	0
991	RTA00000403F.h.12.1	15205	2	1	0	0	0	0	0	0
992	RTA00000119A.j.22.1	80336	1	0	0	0	0	0	0	0
995	RTA00000126A.n.7.2	79557	1	0	0	1	0	0	0	0
997	RTA00000404F.j.08.1	39066	2	0	0	0	0	0	0	0
998	RTA00000410F.c.14.1	77809	1	0	0	0	0	0	0	0
999	RTA00000120A.g.23.1	81189	1	0	0	0	0	0	0	0
1000	RTA00000195AF.d.20.1	37574	2	0	0	0	0	0	0	0
1002	RTA00000412F.j.17.1	64071	1	0	0	0	0	0	0	0
1004	RTA00000119A.j.10.1	79646	1	0	0	0	0	0	0	0
1010	RTA00000419F.o.16.1	62867	1	0	0	0	0	0	0	0
1012	RTA00000411F.c.17.1	77664	1	0	0	0	0	0	0	0
1013	RTA00000406F.k.15.1	38549	2	0	0	0	0	0	0	0
1014	RTA00000406F.a.02.1	37744	2	0	0	0	0	0	0	0
1016	RTA00000341F.b.06.1	17008	4	0	0	0	0	0	0	0
1017	RTA00000409F.n.14.1	78190	1	0	0	0	0	0	0	0
1019	RTA00000345F.j.08.1	16731	3	1	0	0	0	0	0	0
1021	RTA00000419F.g.15.1	32519	1	1	0	0	0	0	0	0
1022	RTA00000423F.a.19.1	21396	1	2	0	0	0	0	0	0
1024	RTA00000422F.e.08.1	39020	2	0	0	0	0	0	0	0
1025	RTA00000411F.d.15.1	74890	1	0	0	0	0	0	0	0
1027	RTA00000411F.l.15.1	66704	1	0	0	0	0	0	0	0
1029	RTA00000405F.e.08.1	37916	2	0	0	0	1	0	0	0
1030	RTA00000353R.j.24.1	23089	3	0	0	0	0	0	0	0
1032	RTA00000418F.o.06.1	75930	1	0	0	0	0	0	0	0
1033	RTA00000404F.c.10.1	23534	2	1	0	0	0	0	0	0
1034	RTA00000418F.i.21.1	78728	1	0	0	0	0	0	0	0
1036	RTA00000411F.l.13.1	43114	1	1	0	0	0	0	0	0
1037	RTA00000407F.a.24.1	37560	2	0	0	0	0	0	0	0
1038	RTA00000346F.n.06.1	12439	4	0	0	0	0	0	0	0
1039	RTA00000412F.l.21.1	65183	1	0	0	0	0	0	0	0
1040	RTA00000413F.i.02.1	65857	1	0	0	0	0	0	0	0
1041	RTA00000404F.i.19.1	38698	2	0	0	0	0	0	0	0
1043	RTA00000403F.a.11.1	73109	1	0	0	0	0	0	0	0
1045	RTA00000411F.k.16.1	64759	1	0	0	0	0	0	1	0
1046	RTA00000405F.c.01.1	19236	2	0	0	0	0	0	0	0
1047	RTA00000423F.i.18.1	14996	4	0	0	0	0	0	0	0
1050	RTA00000406F.a.07.1	26607	2	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1051	RTA00000347F.d.06.1	39122	2	0	0	0	0	0	0	0
1052	RTA00000419F.b.18.1	67034	1	0	0	0	0	0	0	0
1053	RTA00000406F.h.07.1	38003	2	0	0	0	0	0	0	0
1054	RTA00000405F.l.15.1	19575	2	1	0	0	0	0	0	0
1055	RTA00000406F.g.17.1	37979	2	0	0	0	0	0	0	0
1058	RTA00000130A.h.22.1	80933	1	0	0	0	0	0	0	0
1061	RTA00000404F.d.13.1	39036	2	0	0	0	0	0	0	0
1064	RTA00000340F.n.01.1	39081	2	0	0	0	0	0	0	0
1065	RTA00000419F.d.06.1	65496	1	0	0	0	0	0	0	0
1066	RTA00000419F.n.09.1	66070	1	0	0	0	0	0	0	0
1067	RTA00000399F.i.08.1	38927	2	0	0	0	0	0	0	0
1069	RTA00000423F.g.13.1	38028	2	0	0	0	0	0	0	0
1072	RTA00000195AF.b.21.1	39055	2	0	0	0	0	0	0	0
1073	RTA00000403F.h.05.1	39096	2	0	0	0	0	0	0	0
1075	RTA00000422F.p.07.2	39024	2	0	0	1	0	0	0	0
1078	RTA00000421F.n.19.1	16409	3	1	0	0	0	0	0	0
1080	RTA00000345F.k.21.1	40204	2	0	0	0	0	0	0	0
1082	RTA00000405F.a.11.1	39124	2	0	0	0	0	0	0	0
1084	RTA00000413F.e.16.1	63836	1	0	0	0	0	0	0	0
1086	RTA00000404F.o.18.2	39110	2	0	0	0	0	0	0	0
1087	RTA00000409F.i.24.1	76967	1	0	0	0	0	0	0	0
1091	RTA00000340F.n.13.1	17055	4	0	0	0	0	0	0	0
1092	RTA00000340F.p.04.1	78533	1	0	0	0	0	0	0	0
1093	RTA00000411F.c.05.1	73368	1	0	0	0	0	0	0	0
1097	RTA00000404F.i.02.1	39015	2	0	0	0	0	0	0	0
1099	RTA00000403F.m.15.2	26901	2	0	0	0	0	0	0	0
1100	RTA00000412F.h.23.2	65118	1	0	0	0	0	0	0	0
1101	RTA00000418F.j.08.1	73382	1	0	0	0	0	0	0	0
1102	RTA00000125A.n.4.1	81984	1	0	0	0	0	0	0	0
1103	RTA00000412F.l.19.1	65825	1	0	0	0	0	0	0	0
1105	RTA00000129A.p.3.1	32644	1	1	0	0	0	0	0	0
1106	RTA00000340F.p.20.1	17008	4	0	0	0	0	0	0	0
1107	RTA00000411F.a.10.1	73073	1	0	0	0	0	0	0	0
1108	RTA00000409F.n.17.1	76725	1	0	0	0	0	0	0	0
1109	RTA00000404F.c.03.2	39198	2	0	0	0	0	0	0	0
1110	RTA00000420F.a.19.1	34192	1	1	0	0	0	0	0	0
1114	RTA00000420F.d.12.1	64095	1	0	0	0	0	0	0	0
1115	RTA00000409F.j.19.1	73792	1	0	0	0	0	0	0	0
1116	RTA00000422F.d.16.1	39133	2	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1117	RTA00000418F.m.16.1	74986	1	0	0	0	0	0	0	0
1118	RTA00000405F.c.11.1	39068	2	0	0	0	0	0	0	0
1119	RTA00000404F.k.22.1	39084	2	0	0	0	0	0	0	0
1120	RTA00000418F.k.07.1	75067	1	0	0	0	0	0	0	0
1121	RTA00000403F.c.10.1	75261	1	0	0	0	0	0	0	0
1124	RTA00000410F.m.05.1	74964	1	0	0	0	0	0	0	0
1125	RTA00000405F.i.20.1	38532	2	0	0	0	0	0	0	0
1127	RTA00000408F.p.24.1	74286	1	0	0	0	0	0	0	0
1128	RTA00000418F.k.18.1	75385	1	0	0	0	0	0	0	0
1129	RTA00000422F.m.04.1	38702	2	0	0	0	0	0	0	0
1133	RTA00000403F.a.07.1	73559	1	0	0	0	0	0	0	0
1135	RTA00000403F.b.19.1	22327	2	1	0	0	0	0	0	0
1136	RTA00000418F.m.23.1	77195	1	0	0	0	0	0	0	0
1138	RTA00000404F.i.18.1	21912	2	1	0	0	0	0	0	0
1139	RTA00000422F.i.14.1	39300	2	0	0	0	0	0	0	0
1140	RTA00000418F.m.14.1	75711	1	0	0	1	0	0	0	0
1141	RTA00000406F.o.12.1	37459	2	0	0	0	0	0	0	0
1143	RTA00000411F.a.07.1	74547	1	0	0	0	0	0	0	0
1144	RTA00000411F.c.02.1	72852	1	0	0	0	0	0	0	0
1146	RTA000004130A.h.16.1	80761	1	0	0	0	0	0	0	0
1147	RTA00000410F.p.23.1	73948	1	0	0	0	0	0	0	0
1148	RTA00000418F.m.24.1	77114	1	0	0	0	0	0	0	0
1150	RTA00000408F.j.19.2	73752	1	0	0	0	0	0	0	0
1152	RTA000004118A.d.17.1	81921	1	0	0	0	0	0	0	0
1153	RTA00000407F.b.04.1	63221	1	0	0	0	0	0	0	0
1154	RTA00000411F.e.07.1	65008	1	0	0	0	0	0	0	0
1156	RTA000004132A.c.11.1	87278	1	0	0	0	0	0	0	0
1157	RTA00000420F.e.16.1	63639	1	0	0	0	0	0	0	0
1159	RTA00000404F.b.11.1	39079	2	0	0	0	0	0	0	0
1160	RTA00000418F.k.17.1	75390	1	0	0	0	0	0	0	0
1161	RTA000004129A.k.12.1	79322	1	0	0	0	0	0	0	0
1162	RTA000004340R.m.07.1	78415	1	0	0	0	0	0	0	0
1163	RTA00000405F.d.14.1	35209	2	0	0	0	0	0	1	0
1164	RTA00000406F.f.11.1	38601	2	0	0	0	0	0	0	0
1165	RTA000004120A.h.5.1	80344	1	0	0	0	0	0	0	0
1167	RTA00000411F.g.06.1	66065	1	0	0	0	0	0	0	0
1168	RTA00000408F.d.16.1	76318	1	0	0	0	0	0	0	0
1171	RTA00000404F.c.19.1	39026	2	0	0	0	0	0	0	1
1173	RTA00000410F.a.01.1	73354	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1174	RTA00000408F.h.08.1	74575	1	0	0	0	0	0	0	0
1175	RTA00000422F.b.16.1	17045	4	0	0	0	0	0	0	0
1176	RTA00000419F.f.10.1	66193	1	0	0	0	0	0	0	0
1177	RTA00000418F.l.04.1	74140	1	0	0	0	0	0	0	0
1178	RTA00000410F.a.16.1	73548	1	0	0	0	0	0	0	0
1179	RTA00000138A.e.13.1	79608	1	0	0	0	0	0	0	0
1180	RTA00000130A.b.5.1	79579	1	0	0	0	0	0	0	0
1181	RTA00000408F.j.15.2	74759	1	0	0	0	0	0	0	0
1182	RTA00000410F.m.20.1	74285	1	0	0	0	0	0	0	0
1185	RTA00000419F.e.04.1	62963	1	0	0	0	0	0	0	0
1187	RTA00000418F.g.05.1	73075	1	0	0	0	0	0	0	0
1188	RTA00000419F.n.02.1	65963	1	0	0	0	0	0	0	0
1191	RTA00000119A.m.15.1	80989	1	0	0	0	0	0	0	0
1194	RTA00000413F.g.23.1	40700	1	1	0	0	0	0	0	0
1195	RTA00000403F.a.18.1	75726	1	0	0	0	0	0	0	0
1196	RTA00000404F.m.20.2	39144	2	0	0	0	0	0	0	0
1199	RTA00000419F.h.04.1	65034	1	0	0	0	0	0	0	0
1200	RTA00000408F.d.12.1	75782	1	0	0	0	0	0	0	0
1201	RTA00000133A.m.19.2	80167	1	0	0	0	0	0	0	0
1206	RTA00000126A.o.22.1	81752	1	0	0	0	0	0	0	0
1207	RTA00000419F.n.13.1	66026	1	0	0	0	0	0	0	0
1208	RTA00000130A.h.13.1	80790	1	0	0	0	0	0	0	0
1212	RTA00000411F.m.19.1	74924	1	0	0	0	0	0	0	0
1214	RTA00000419F.k.06.1	78493	1	0	0	0	0	0	0	0
1216	RTA00000412F.d.16.1	26829	1	0	0	0	0	0	0	0
1217	RTA00000119A.j.23.1	79835	1	0	0	0	0	0	0	0
1219	RTA00000195A.f.c.12.1	37582	2	0	0	0	0	0	0	0
1223	RTA00000423F.c.19.1	40472	2	0	0	0	0	0	0	0
1224	RTA00000405F.g.24.1	39076	2	0	0	0	0	0	0	0
1226	RTA00000419F.c.11.1	65504	1	0	0	0	0	0	0	0
1227	RTA00000135A.f.14.2	79969	1	0	0	0	0	0	0	0
1228	RTA00000403F.a.05.1	18808	1	1	0	0	0	0	0	0
1229	RTA00000405F.e.17.1	38662	2	0	0	0	0	0	0	0
1230	RTA00000411F.d.05.1	75812	1	0	0	0	0	0	0	0
1232	RTA00000418F.d.03.1	76824	1	0	0	0	0	0	0	0
1233	RTA00000418F.h.08.1	76401	1	0	0	0	0	0	0	0
1234	RTA00000418F.m.10.1	79110	1	0	0	0	0	0	0	0
1235	RTA00000411F.i.15.1	31612	1	1	0	0	0	0	0	0
1236	RTA00000413F.i.23.1	63073	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1237	RTA00000411F.e.24.1	64781	1	0	0	0	0	0	0	0
1238	RTA00000406F.g.22.1	38590	2	0	0	0	0	0	0	0
1239	RTA00000126A.n.13.2	79735	1	0	0	0	0	0	0	0
1240	RTA00000419F.a.02.1	77993	1	0	0	0	0	0	0	0
1241	RTA00000346F.l.13.1	7542	8	0	0	2	1	0	1	0
1245	RTA00000120A.d.15.1	80533	1	0	0	0	0	0	0	0
1246	RTA00000418F.f.21.1	75157	1	0	0	0	0	0	0	0
1248	RTA00000129A.d.1.2	80058	1	0	0	0	0	0	0	0
1251	RTA00000419F.m.20.1	76720	1	0	0	0	0	0	0	0
1253	RTA00000406F.e.15.1	39074	2	0	0	0	0	0	0	0
1255	RTA00000411F.c.10.1	73117	1	0	0	0	0	0	0	0
1259	RTA00000413F.d.05.1	64788	1	0	0	0	0	0	0	0
1260	RTA00000121A.o.3.1	81437	1	0	0	0	0	0	0	0
1262	RTA00000420F.e.02.1	40259	2	0	0	0	0	0	0	0
1268	RTA00000126A.k.7.2	79866	1	0	0	0	0	0	0	0
1270	RTA00000419F.l.03.1	79060	1	0	0	0	0	0	0	0
1272	RTA00000118A.a.2.1	38067	2	0	0	0	0	0	0	0
1273	RTA00000410F.m.18.1	76365	1	0	0	0	0	0	0	0
1275	RTA00000406F.c.20.1	38578	2	0	0	0	0	0	0	0
1276	RTA00000413F.b.14.1	66591	1	0	0	0	0	0	0	0
1277	RTA00000406F.c.18.1	14368	2	0	0	0	0	0	0	0
1278	RTA00000418F.j.09.1	76352	1	0	0	0	0	0	0	0
1279	RTA00000419F.f.23.1	65002	1	0	0	0	0	0	0	0
1281	RTA00000411F.a.05.1	76699	1	0	0	0	0	0	0	0
1282	RTA00000419F.m.21.1	77947	1	0	0	0	0	0	0	0
1283	RTA00000405F.n.16.1	21503	2	1	1	0	0	0	0	0
1284	RTA00000422F.o.19.2	13084	3	2	0	0	0	0	0	0
1285	RTA00000408F.n.02.2	76993	1	0	0	0	0	0	0	0
1290	RTA00000119A.g.7.1	83580	1	0	0	0	0	0	0	0
1291	RTA00000411F.i.02.1	66975	1	0	0	0	0	0	0	0
1292	RTA00000408F.l.09.1	75487	1	0	0	0	0	0	0	0
1293	RTA00000423F.g.04.1	23012	2	1	0	0	0	0	0	0
1295	RTA00000418F.i.18.1	78024	1	0	0	0	0	0	0	0
1296	RTA00000411F.h.15.1	65160	1	0	0	0	0	0	0	0
1297	RTA00000410F.i.19.1	78988	1	0	0	0	0	0	0	0
1298	RTA00000419F.k.24.1	75596	1	0	0	0	0	0	0	0
1301	RTA00000409F.i.09.1	75279	1	0	0	0	0	0	0	0
1302	RTA00000419F.h.02.1	63985	1	0	0	0	0	0	0	0
1303	RTA00000413F.b.12.1	64932	1	0	0	0	0	0	0	0



SEQ ID	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
NO:										
1304	RTA00000121A.h.18.1	16376	4	0	0	0	0	0	0	0
1305	RTA00000411F.n.20.1	75816	1	0	0	0	0	0	0	0
1307	RTA00000411F.n.12.1	73308	1	0	0	0	0	0	0	0
1308	RTA00000408F.j.12.2	18226	1	0	0	0	0	0	0	0
1309	RTA00000409F.i.03.1	75968	1	0	0	0	0	0	0	0
1312	RTA00000409F.j.05.1	74128	1	0	0	0	0	0	0	0
1313	RTA00000419F.m.04.1	74367	1	0	0	0	0	0	0	0
1314	RTA00000418F.k.03.1	78901	1	0	0	0	0	0	0	0
1315	RTA00000419F.d.16.1	64357	1	0	0	0	0	0	0	0
1316	RTA00000420F.e.10.1	65899	1	0	0	0	0	0	0	0
1319	RTA00000418F.k.08.1	18259	1	0	0	0	0	0	0	0
1322	RTA00000410F.c.02.1	75055	1	0	0	0	0	0	0	0
1324	RTA00000403F.h.18.1	39241	2	0	0	0	0	0	0	0
1325	RTA00000405F.n.13.1	23810	2	1	0	0	0	0	0	0
1326	RTA00000355R.e.14.1	16837	2	2	0	0	0	0	0	0
1327	RTA00000422F.l.03.1	39147	2	0	0	0	0	0	0	0
1329	RTA00000403F.o.14.1	38971	2	0	0	0	0	0	0	0
1333	RTA00000127A.f.11.1	81463	1	0	0	0	0	0	0	0
1335	RTA00000403F.o.07.1	39037	2	0	0	0	0	0	0	0
1336	RTA00000403F.d.19.1	39243	2	0	0	0	0	0	0	0
1338	RTA00000406F.i.17.1	37902	2	0	0	0	0	0	0	0
1339	RTA00000418F.d.22.1	75324	1	0	0	0	0	0	0	0
1340	RTA00000340R.o.12.1	53732	1	0	0	0	0	0	0	0
1341	RTA00000125A.g.24.1	80397	1	0	0	0	0	0	0	0
1342	RTA00000130A.o.21.1	80218	1	0	0	0	0	0	0	0
1343	RTA00000420F.a.23.1	42158	1	1	0	0	0	0	0	0
1344	RTA00000411F.m.18.1	75629	1	0	0	0	0	0	0	0
1345	RTA00000407F.b.22.1	37487	2	0	0	0	0	0	0	0
1346	RTA00000409F.a.16.1	73990	1	0	0	0	0	0	0	0
1348	RTA00000341F.k.12.1	62985	1	0	0	0	0	0	0	0
1349	RTA00000129A.c.18.2	37216	2	0	0	0	0	0	0	0
1350	RTA00000410F.d.10.1	77561	1	0	0	0	0	0	0	0
1351	RTA00000351R.i.03.1	6874	6	3	0	0	1	0	0	0
1352	RTA00000135A.l.1.2	39426	2	0	0	0	0	0	0	0
1353	RTA00000420F.b.18.1	66136	1	0	0	0	0	0	0	0
1356	RTA00000403F.o.13.1	39049	2	0	0	0	0	0	0	0
1357	RTA00000411F.f.06.1	64186	1	0	0	0	0	0	0	0
1359	RTA00000351R.c.13.1	11476	6	0	0	0	0	0	0	0
1362	RTA00000420F.d.16.1	64485	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1363	RTA00000404F.i.12.1	39001	2	0	0	0	0	0	0	0
1364	RTA00000404F.o.10.2	16785	2	2	0	0	0	0	0	0
1365	RTA00000419F.d.07.1	21421	1	2	0	0	0	0	0	0
1366	RTA00000404F.p.02.2	39097	2	0	1	0	0	0	0	0
1367	RTA00000125A.k.14.1	79457	1	0	0	0	0	0	0	0
1368	RTA00000122A.j.22.1	81151	1	0	0	0	0	0	0	0
1369	RTA00000406F.i.13.1	37904	2	0	0	0	0	0	0	0
1370	RTA00000135A.b.23.1	35241	2	0	0	0	0	0	0	0
1373	RTA00000423F.l.04.1	14320	2	0	0	0	0	0	0	0
1374	RTA00000420F.b.04.1	63820	1	0	0	0	0	0	0	0
1376	RTA00000408F.i.18.2	74410	1	0	0	0	0	0	0	0
1378	RTA00000341F.j.05.1	36177	2	0	0	0	0	0	0	0
1379	RTA00000420F.a.16.1	63345	1	0	0	0	0	0	0	0
1381	RTA00000410F.j.01.1	73399	1	0	0	0	0	0	0	0
1382	RTA00000408F.p.21.1	77930	1	0	0	0	0	0	0	0
1383	RTA00000412F.d.19.1	75743	1	0	0	0	0	0	0	0
1384	RTA00000352R.c.04.1	71976	1	0	0	0	0	0	0	0
1385	RTA00000413F.f.19.1	65189	1	0	0	0	0	0	0	0
1386	RTA00000411F.e.03.1	73648	1	0	0	0	0	0	0	0
1389	RTA00000418F.c.04.1	41587	1	1	0	0	0	0	0	0
1390	RTA00000418F.o.17.1	79069	1	0	0	0	0	0	0	0
1391	RTA00000418F.e.21.1	74773	1	0	0	0	0	0	0	0
1392	RTA00000419F.d.14.1	64945	1	0	0	0	0	0	0	0
1396	RTA00000410F.j.20.1	73601	1	0	0	0	0	0	0	0
1399	RTA00000119A.j.9.1	82060	1	0	0	0	0	0	0	0
1403	RTA00000340F.i.13.1	79299	1	0	0	0	0	0	0	0
1404	RTA00000412F.g.03.1	64740	1	0	0	0	0	0	0	0
1405	RTA00000122A.g.17.1	32655	1	1	0	0	0	0	0	0
1407	RTA00000419F.n.12.1	66086	1	0	0	0	0	0	0	0
1410	RTA00000351R.p.14.1	13166	2	3	0	0	0	0	0	0
1411	RTA00000403F.e.08.1	19126	3	0	0	0	0	0	0	0
1412	RTA00000124A.k.20.1	80913	1	0	0	0	0	0	0	0
1413	RTA00000121A.n.2.1	33585	1	1	0	0	0	0	0	0
1414	RTA00000422F.m.24.1	39159	2	0	1	0	1	1	2	2
1415	RTA00000408F.e.24.2	75002	1	0	0	0	0	0	0	0
1418	RTA00000403F.b.12.1	78775	1	0	0	0	0	0	0	0
1419	RTA00000404F.a.09.1	38985	2	0	0	0	0	0	0	0
1421	RTA00000403F.o.19.1	78615	1	0	0	0	0	0	0	0
1424	RTA00000410F.b.10.1	74504	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1426	RTA00000413F.h.12.1	66929	1	0	0	0	0	0	0	0
1427	RTA00000406F.k.14.1	38651	2	0	0	0	0	0	0	0
1429	RTA00000411F.f.17.1	65661	1	0	0	0	0	0	0	0
1430	RTA00000411F.k.10.1	64506	1	0	0	0	0	0	0	0
1431	RTA00000411F.g.21.1	64500	1	0	0	0	0	0	0	0
1432	RTA00000119A.h.24.1	82266	1	0	0	0	0	0	0	0
1434	RTA00000408F.m.22.2	72949	1	0	0	0	0	0	0	0
1437	RTA00000410F.i.17.1	78147	1	0	0	0	0	0	0	0
1440	RTA00000129A.a.13.2	79780	1	0	0	0	0	0	0	0
1441	RTA00000129A.k.21.1	82067	1	0	0	0	0	0	0	0
1442	RTA00000350R.g.10.1	9026	7	0	0	1	0	0	0	0
1443	RTA00000413F.d.23.1	66030	1	0	0	0	0	0	0	0
1447	RTA00000411F.d.10.1	76445	1	0	0	0	0	0	0	0
1448	RTA00000404F.b.19.1	39281	2	0	0	0	0	0	0	0
1449	RTA00000418F.c.07.1	73245	1	0	0	0	0	0	0	0
1450	RTA00000418F.j.15.1	74855	1	0	0	0	0	1	0	0
1453	RTA00000413F.b.16.1	65126	1	0	0	0	0	0	0	0
1455	RTA00000350R.m.14.1	39171	2	0	0	0	0	0	0	0
1456	RTA00000418F.l.11.1	77158	1	0	0	0	0	0	0	0
1457	RTA00000130A.d.5.1	82051	1	0	0	0	0	0	0	0
1458	RTA00000339F.n.05.1	39648	2	0	0	0	0	0	0	0
1460	RTA00000407F.a.23.1	23489	2	1	0	0	0	0	0	0
1462	RTA00000403F.h.11.1	39219	2	0	0	0	0	0	0	0
1463	RTA00000406F.j.13.1	38688	2	0	0	0	0	0	0	0
1464	RTA00000352R.p.09.1	16915	4	0	0	0	0	0	0	0
1465	RTA00000413F.g.24.1	65481	1	0	0	0	0	0	0	0
1469	RTA00000420F.a.08.1	19473	1	2	0	0	0	0	0	0
1472	RTA00000404F.i.22.1	39082	2	0	0	0	0	0	0	0
1473	RTA00000124A.k.23.1	81350	1	0	0	0	0	0	0	0
1474	RTA00000404F.e.11.1	38991	2	0	0	0	0	0	0	0
1475	RTA00000129A.d.2.4	80119	1	0	0	0	0	0	0	0
1478	RTA00000419F.o.15.1	32487	1	1	0	0	0	0	0	0
1479	RTA00000119A.m.17.1	79536	1	0	0	0	0	0	0	0
1480	RTA00000410F.b.07.1	78916	1	0	0	0	0	0	0	0
1481	RTA00000420F.b.19.1	36873	2	0	0	0	0	0	0	0
1483	RTA00000411F.b.21.1	10051	1	0	0	0	0	0	0	0
1485	RTA00000356R.c.16.1	16915	4	0	0	0	0	0	0	0
1487	RTA00000412F.h.11.1	63175	1	0	0	0	0	0	0	0
1490	RTA00000420F.a.11.1	66460	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1491	RTA00000120A.c.7.1	80985	1	0	0	1	0	0	0	0
1492	RTA00000404F.e.15.1	39101	2	0	0	0	0	0	0	0
1493	RTA00000422F.n.20.1	38676	2	0	0	0	0	0	1	0
1494	RTA00000423F.h.20.1	38639	2	0	0	0	0	0	0	0
1497	RTA00000410F.b.18.1	76701	1	0	0	0	0	0	0	0
1499	RTA00000423F.g.15.1	35173	2	0	0	0	0	0	0	0
1500	RTA00000413F.b.04.1	66427	1	0	0	0	0	0	0	0
1503	RTA00000346F.f.11.1	38528	2	0	0	0	0	0	0	0
1506	RTA00000422F.i.02.1	76436	1	0	0	0	0	0	0	0
1507	RTA00000410F.a.08.1	73324	1	0	0	0	0	0	0	0
1509	RTA00000419F.e.02.1	65010	1	0	0	0	0	0	0	0
1511	RTA00000403F.g.13.1	38718	2	0	0	0	0	0	0	0
1513	RTA00000407F.a.01.1	12501	3	1	0	0	0	0	0	0
1516	RTA00000411F.f.14.1	62984	1	0	0	0	0	0	0	0
1517	RTA00000411F.c.04.1	76858	1	0	0	0	0	0	0	0
1518	RTA00000135A.m.18.1	19255	2	0	0	0	0	0	0	0
1519	RTA00000413F.c.17.1	36831	2	0	0	0	0	0	0	0
1521	RTA00000404F.j.01.1	26859	2	0	0	0	0	0	0	0
1522	RTA00000138A.p.10.1	81625	1	0	0	0	0	0	0	0
1526	RTA00000423F.h.07.1	37933	2	0	0	0	0	0	0	0
1527	RTA00000413F.e.04.1	64176	1	0	0	0	0	0	0	0
1528	RTA00000406F.h.03.1	38585	2	0	0	0	0	0	0	0
1529	RTA00000403F.e.24.1	16432	2	2	0	0	0	0	0	0
1531	RTA00000403F.i.11.1	23535	2	1	0	0	0	0	0	0
1532	RTA00000419F.g.02.1	62839	1	0	0	0	0	0	0	0
1533	RTA00000347F.e.05.1	39814	2	0	0	0	0	0	0	0
1534	RTA00000408F.l.16.1	73468	1	0	0	0	0	0	0	0
1536	RTA00000423F.f.09.1	64823	1	0	0	0	0	0	0	0
1537	RTA00000419F.k.03.1	40822	1	1	0	0	0	0	0	0
1538	RTA00000406F.b.02.1	38744	2	0	0	0	0	0	0	0
1539	RTA00000418F.o.14.1	33524	1	1	0	0	0	0	0	0
1541	RTA00000404F.b.09.1	39166	2	0	0	0	0	0	0	0
1547	RTA00000406F.k.11.1	38715	2	0	0	0	0	0	0	0
1549	RTA00000406F.c.06.1	37924	2	0	0	0	0	0	0	0
1550	RTA00000418F.n.07.1	76316	1	0	0	0	0	0	0	0
1551	RTA00000419F.n.15.1	63484	1	0	0	0	0	0	0	0
1552	RTA00000408F.n.06.2	76642	1	0	0	0	0	0	0	0
1553	RTA00000420F.c.04.1	65007	1	0	0	0	0	0	0	0
1554	RTA00000411F.j.15.1	66871	1	0	0	0	0	0	0	0

SEQ ID	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
NO:										
1556	RTA00000128A.m.23.1	81441	1	0	0	0	0	0	0	0
1557	RTA00000406F.g.03.1	38690	2	0	0	0	0	0	0	0
1558	RTA00000405F.h.05.2	75706	1	0	0	0	0	0	0	0
1559	RTA00000129A.n.24.1	81409	1	0	0	0	0	0	0	0
1562	RTA00000418F.n.11.1	78977	1	0	0	0	0	0	0	0
1565	RTA00000120A.h.9.1	80736	1	0	0	0	0	0	0	0
1566	RTA00000413F.a.12.1	63403	1	0	0	0	0	0	0	0
1567	RTA00000412F.o.05.1	63575	1	0	0	0	0	0	0	0
1571	RTA00000354R.n.04.1	22049	3	0	0	0	0	0	0	0
1573	RTA00000406F.h.05.1	38542	2	0	0	0	0	0	0	0
1574	RTA00000410F.b.24.1	75104	1	0	0	0	0	0	0	0
1575	RTA00000423F.d.11.1	38950	2	0	0	0	0	0	0	0
1578	RTA00000119A.k.1.1	81282	1	0	0	0	0	0	0	0
1579	RTA00000420F.f.07.1	66312	1	0	0	0	0	0	0	0
1580	RTA00000404F.k.22.2	39084	2	0	0	0	0	0	0	0
1581	RTA00000422F.e.07.1	38964	2	0	0	0	0	0	0	0
1582	RTA00000410F.f.12.1	73883	1	0	0	0	0	0	0	0
1584	RTA00000411F.m.11.1	73196	1	0	0	0	0	0	0	0
1587	RTA00000403F.o.10.2	38964	2	0	0	0	0	0	0	0
1590	RTA00000413F.c.10.1	65600	1	0	0	0	0	0	0	0
1591	RTA00000411F.b.17.1	72893	1	0	0	0	0	0	0	0
1593	RTA00000408F.k.19.1	77593	1	0	0	0	0	0	0	0
1596	RTA00000119A.i.8.1	82593	1	0	0	0	0	0	0	0
1598	RTA00000418F.g.03.1	78737	1	0	0	0	0	0	0	0
1599	RTA00000411F.a.09.1	78629	1	0	0	0	0	0	0	0
1601	RTA00000419F.j.11.1	73183	1	0	0	0	0	0	0	0
1603	RTA00000404F.n.18.2	37169	2	0	0	0	0	0	0	0
1604	RTA00000122A.n.16.1	80553	1	0	0	0	0	0	0	0
1605	RTA00000420F.c.07.1	65555	1	0	0	0	0	0	0	0
1608	RTA00000408F.j.13.2	42275	1	1	0	0	0	0	0	0
1610	RTA00000423F.a.01.1	39103	2	0	0	0	0	0	0	0
1613	RTA00000341F.e.20.1	67422	1	0	0	0	0	0	0	0
1614	RTA00000419F.m.22.1	75600	1	0	0	0	0	0	0	0
1615	RTA00000419F.m.23.1	64263	1	0	0	0	0	0	0	0
1616	RTA00000419F.b.06.1	76728	1	0	0	0	0	0	0	0
1618	RTA00000406F.p.08.1	37573	2	0	0	0	0	0	0	2
1619	RTA00000129A.n.17.1	79811	1	0	0	0	0	0	0	0
1621	RTA00000407F.b.08.1	37513	2	0	0	0	0	0	0	0
1623	RTA00000406F.i.08.1	37946	2	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1624	RTA00000403F.h.07.1	26856	2	0	0	0	0	0	0	0
1625	RTA00000418F.n.24.1	73153	1	0	0	0	0	0	0	0
1627	RTA00000409F.l.20.1	74394	1	0	0	0	0	0	0	0
1628	RTA00000418F.l.06.1	73317	1	0	0	0	0	0	0	0
1629	RTA00000346F.o.22.1	7381	2	6	0	0	0	0	0	0
1630	RTA00000129A.k.22.1	79639	1	0	0	0	0	0	0	0
1632	RTA00000418F.m.22.1	74567	1	0	0	0	0	0	0	0
1633	RTA00000413F.c.12.1	65334	1	0	0	0	0	0	0	0
1635	RTA00000418F.g.20.1	74626	1	0	0	0	0	0	0	0
1636	RTA00000413F.d.15.1	64943	1	0	0	0	0	0	0	0
1639	RTA00000412F.c.10.1	76372	1	0	0	0	0	0	0	0
1640	RTA00000122A.j.17.1	62736	1	0	0	0	0	0	0	0
1645	RTA00000418F.j.19.1	78399	1	0	0	0	0	0	0	0
1646	RTA00000137A.p.12.1	80614	1	0	0	0	0	0	0	0
1648	RTA00000418F.p.10.1	75323	1	0	0	0	0	0	0	0
1649	RTA00000408F.k.12.1	77246	1	0	0	0	0	0	0	0
1650	RTA00000137A.j.11.4	79752	1	0	0	0	0	0	0	0
1652	RTA00000419F.n.24.1	65995	1	0	0	0	0	0	0	0
1653	RTA00000418F.l.03.1	79058	1	0	0	0	0	0	0	0
1655	RTA00000419F.m.13.1	79052	1	0	0	0	0	0	0	0
1656	RTA00000418F.j.14.1	32623	1	1	0	0	0	0	0	0
1657	RTA00000403F.a.10.1	73952	1	0	0	0	0	0	0	0
1658	RTA00000420F.a.21.1	66241	1	0	0	0	0	0	0	0
1659	RTA00000127A.e.6.1	5885	4	2	0	0	0	0	0	0
1660	RTA00000405F.g.21.2	38966	2	0	0	0	0	0	0	0
1661	RTA00000405F.g.21.1	38966	2	0	0	0	0	0	0	0
1662	RTA00000419F.m.06.1	75749	1	0	0	0	0	0	0	0
1663	RTA00000423F.g.03.1	38007	2	0	0	0	0	0	0	0
1665	RTA00000418F.f.03.1	78911	1	0	0	0	0	0	0	0
1668	RTA00000120A.c.20.1	43235	1	1	0	0	0	1	0	0
1669	RTA00000138A.m.15.1	41603	1	1	0	0	0	0	0	0
1670	RTA00000408F.f.14.2	73024	1	0	0	0	0	0	0	0
1671	RTA00000418F.p.20.1	78023	1	0	0	0	0	0	0	0
1672	RTA00000423F.e.21.1	66961	1	0	0	0	0	0	0	0
1673	RTA00000419F.j.22.1	73525	1	0	0	0	0	0	0	0
1674	RTA00000410F.d.18.1	75458	1	0	0	0	0	0	0	0
1675	RTA00000403F.b.24.1	78838	1	0	0	0	0	0	0	0
1677	RTA00000410F.e.09.1	76093	1	0	0	0	0	0	0	0
1680	RTA00000353R.h.10.1	39498	2	0	0	0	0	0	0	0

SEQ ID	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
NO:										
1682	RTA00000411F.d.21.1	74794	1	0	0	0	0	0	0	0
1683	RTA00000340F.m.04.1	19406	2	1	0	0	0	0	0	0
1684	RTA00000411F.n.09.1	78962	1	0	0	0	0	0	0	0
1685	RTA00000127A.h.22.2	13155	2	3	0	0	0	0	0	0
1686	RTA00000420F.e.09.1	66325	1	0	0	0	0	0	0	0
1687	RTA00000405F.p.03.1	11346	3	3	0	0	0	0	0	0
1688	RTA00000419F.a.18.1	78484	1	0	0	0	0	0	0	0
1691	RTA00000121A.n.23.1	26981	2	0	0	0	0	0	0	0
1692	RTA00000121A.n.15.1	40849	1	1	0	0	0	0	0	0
1693	RTA00000403F.i.23.1	11364	4	2	0	0	0	0	0	0
1694	RTA00000405F.a.03.1	39065	2	0	0	0	0	0	0	0
1696	RTA00000419F.p.08.1	65560	1	0	0	0	0	0	0	0
1697	RTA00000126A.n.6.2	79917	1	0	0	0	0	0	0	0
1698	RTA00000413F.c.03.1	64527	1	0	0	1	0	0	0	0
1699	RTA00000422F.k.24.1	39118	2	0	0	0	0	0	0	0
1700	RTA00000412F.c.17.1	75620	1	0	0	0	0	0	0	0
1702	RTA00000347F.g.08.1	23121	3	0	0	0	0	0	0	0
1703	RTA00000419F.o.06.1	64643	1	0	0	0	0	0	0	0
1704	RTA00000340R.j.07.1	38954	2	0	0	0	0	0	0	0
1705	RTA00000423F.j.02.1	38617	2	0	0	0	0	0	0	0
1706	RTA00000419F.c.04.1	63749	1	0	0	0	0	0	0	0
1707	RTA00000411F.a.01.1	74524	1	0	0	0	0	0	0	0
1708	RTA00000406F.f.05.1	22961	2	1	0	0	0	0	1	0
1709	RTA00000410F.n.05.1	77830	1	0	0	0	0	0	0	0
1710	RTA00000404F.e.06.1	39315	2	0	0	0	0	0	0	0
1712	RTA00000411F.c.03.1	79280	1	0	0	0	0	0	0	0
1718	RTA00000405F.l.07.1	38636	2	0	0	0	0	0	0	0
1720	RTA00000411F.n.06.1	73886	1	0	0	0	0	0	0	0
1721	RTA00000422F.k.15.1	19253	2	0	0	0	0	0	0	0
1722	RTA00000406F.h.16.1	38618	2	0	0	0	0	0	0	0
1723	RTA00000419F.f.24.1	18717	1	1	0	0	0	0	0	0
1724	RTA00000411F.d.18.1	76063	1	0	0	0	0	0	0	0
1727	RTA00000408F.d.15.1	78467	1	0	0	0	0	0	0	0
1728	RTA00000339F.b.22.1	6867	7	3	0	0	0	0	0	0
1730	RTA00000411F.n.02.1	78049	1	0	0	0	0	0	0	0
1731	RTA00000419F.b.17.1	63261	1	0	0	0	0	0	0	0
1733	RTA00000130A.e.20.1	79502	1	0	0	0	0	0	0	0
1735	RTA00000411F.i.13.1	66138	1	0	0	0	0	0	0	0
1736	RTA00000420F.e.20.1	64762	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1737	RTA00000126A.p.23.2	80915	1	0	0	0	0	0	0	0
1739	RTA00000406F.g.08.1	37963	2	0	0	0	0	0	0	0
1740	RTA00000409F.a.08.1	74978	1	0	0	0	0	0	0	0
1741	RTA00000406F.d.24.1	37997	2	0	0	0	0	0	0	0
1744	RTA00000418F.i.12.1	78971	1	0	0	0	0	0	0	0
1745	RTA00000121A.h.19.1	80334	1	0	0	0	0	0	0	0
1746	RTA00000419F.b.10.1	78566	1	0	0	0	0	0	0	0
1747	RTA00000406F.m.10.1	38004	2	0	0	0	0	0	0	0
1748	RTA00000406F.o.05.1	37894	2	0	0	0	0	0	0	0
1749	RTA00000408F.b.04.2	39933	2	0	0	0	0	0	0	0
1750	RTA00000411F.k.04.1	65407	1	0	0	0	0	0	0	0
1752	RTA00000134A.l.9.1	81814	1	0	0	0	0	0	0	0
1754	RTA00000418F.k.04.1	75864	1	0	0	0	0	0	0	0
1757	RTA00000419F.p.18.1	63002	1	0	0	0	0	0	0	0
1759	RTA00000419F.a.24.1	79290	1	0	0	0	0	0	0	0
1761	RTA00000129A.e.14.1	80053	1	0	0	0	0	0	0	0
1762	RTA00000404F.a.01.1	19251	2	0	0	0	0	0	0	0
1765	RTA00000408F.n.16.2	73720	1	0	0	0	0	0	0	0
1769	RTA00000412F.l.14.1	62792	1	0	0	0	0	0	0	0
1770	RTA00000129A.b.6.2	39111	2	0	0	0	0	0	0	0
1771	RTA00000406F.n.12.1	37517	2	0	0	0	0	0	0	0
1772	RTA00000418F.e.03.1	73442	1	0	0	0	0	0	0	0
1774	RTA00000403F.g.03.1	23537	2	1	0	0	0	0	0	0
1775	RTA00000412F.p.06.1	65485	1	0	0	0	0	0	0	0
1776	RTA00000419F.b.21.1	65366	1	0	0	0	0	0	0	0
1779	RTA00000351R.j.16.1	64773	1	0	0	0	0	0	0	0
1781	RTA00000419F.f.18.1	64047	1	0	0	0	0	0	0	0
1782	RTA00000423F.i.16.1	38604	2	0	0	0	0	0	0	0
1784	RTA00000411F.f.04.1	64526	1	0	0	0	0	0	0	0
1785	RTA00000125A.c.17.1	80619	1	0	0	0	0	0	0	0
1786	RTA00000404F.g.08.1	38980	2	0	0	0	0	0	0	0
1787	RTA00000423F.c.13.1	39059	2	0	0	0	0	0	0	0
1790	RTA00000404F.k.15.1	18225	2	0	0	0	0	0	0	0
1792	RTA00000339F.l.12.1	7711	4	1	0	0	0	0	0	0
1793	RTA00000406F.b.01.1	39006	2	0	0	0	0	0	0	0
1794	RTA00000407F.c.08.1	37549	2	0	0	0	0	0	0	0
1796	RTA00000403F.b.05.1	74300	1	0	0	0	0	0	0	0
1800	RTA00000408F.j.05.2	73878	1	0	0	0	0	0	0	0
1802	RTA00000419F.c.14.1	65727	1	0	0	0	0	0	0	0



SEQ ID	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
NO:										
1806	RTA00000346F.h.24.1	4379	9	2	0	0	0	0	0	0
1807	RTA00000420F.b.02.1	64013	1	0	0	0	0	0	0	0
1808	RTA00000413F.b.24.1	65117	1	0	0	0	0	0	0	0
1809	RTA00000412F.d.08.1	75328	1	0	0	0	0	0	0	0
1811	RTA00000419F.m.18.1	76014	1	0	0	0	0	0	0	0
1812	RTA00000419F.l.24.1	74628	1	0	0	0	0	0	0	0
1813	RTA00000408F.c.06.1	78619	1	0	0	0	0	0	0	0
1814	RTA00000405F.h.21.2	39072	2	0	0	0	0	0	0	0
1816	RTA00000405F.g.05.2	38987	2	0	0	0	0	0	0	0
1817	RTA00000411F.f.20.1	63501	1	0	0	0	0	0	0	0
1819	RTA00000420F.d.19.1	43146	1	1	0	0	0	0	0	0
1820	RTA00000195R.a.06.1	35265	2	0	1	0	0	0	0	0
1821	RTA00000123A.f.2.1	80379	1	0	0	0	0	0	0	0
1822	RTA00000411F.j.11.1	66154	1	0	0	0	0	0	0	0
1827	RTA00000419F.j.03.1	77578	1	0	0	0	0	0	0	0
1829	RTA00000423F.h.11.1	38977	2	0	0	0	0	0	0	0
1830	RTA00000413F.b.17.1	21704	1	2	0	0	0	0	0	0
1833	RTA00000423F.f.03.1	63852	1	0	0	0	0	0	0	0
1834	RTA00000419F.e.10.1	63225	1	0	0	0	0	0	0	0
1836	RTA00000403F.d.02.1	39224	2	0	0	0	0	0	0	0
1838	RTA00000418F.j.20.1	77101	1	0	0	0	0	0	0	0
1846	RTA00000356R.h.05.1	35052	2	0	1	0	0	0	0	0
1848	RTA00000340F.i.15.1	26815	1	0	0	0	0	0	0	0
1850	RTA00000345F.c.12.1	23824	2	1	0	0	0	0	0	0
1852	RTA00000412F.o.03.1	65039	1	0	0	0	0	0	0	0
1853	RTA00000409F.d.16.1	76090	1	0	0	0	0	0	0	0
1856	RTA00000408F.j.17.2	78935	1	0	0	0	0	0	0	0
1857	RTA00000126A.j.15.2	40425	2	0	0	0	0	0	0	0
1861	RTA00000410F.b.17.1	77458	1	0	0	0	0	0	0	0
1862	RTA00000419F.l.22.1	78444	1	0	0	0	0	0	0	0
1864	RTA00000422F.f.22.1	38703	2	0	0	0	0	0	0	0
1867	RTA00000418F.c.05.1	76475	1	0	0	0	0	0	0	0
1868	RTA00000418F.p.21.1	78068	1	0	0	0	0	0	0	0
1870	RTA00000340F.i.08.1	12005	2	1	0	0	0	0	0	0
1871	RTA00000410F.o.04.1	79018	1	0	0	0	0	0	0	0
1872	RTA00000411F.l.16.1	16122	1	3	0	0	0	0	0	0
1873	RTA00000411F.j.03.1	66263	1	0	0	0	0	0	0	0
1874	RTA00000126A.k.24.1	39428	2	0	0	0	0	0	0	0
1876	RTA00000120A.m.10.3	81376	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1877	RTA00000419F.f.16.1	64679	1	0	0	0	0	0	0	0
1878	RTA00000408F.c.23.1	42261	1	1	0	0	0	0	0	0
1881	RTA00000136A.h.6.1	81620	1	0	0	0	0	0	0	0
1886	RTA00000418F.e.20.1	73741	1	0	0	0	0	0	0	0
1888	RTA00000405F.l.03.1	38580	2	0	0	0	0	0	0	0
1889	RTA00000418F.m.02.1	74550	1	0	0	0	0	0	0	0
1891	RTA00000406F.c.05.1	22077	3	0	1	0	0	0	0	0
1893	RTA00000411F.k.21.1	65349	1	0	0	0	0	0	0	0
1897	RTA00000418F.i.06.1	75151	1	0	0	0	0	0	0	0
1898	RTA00000423F.a.03.1	26796	2	0	0	0	0	0	0	0
1900	RTA00000423F.k.21.2	37499	2	0	0	0	0	0	0	0
1902	RTA00000404F.c.18.1	38982	2	0	0	0	0	0	0	0
1905	RTA00000411F.g.24.1	65233	1	0	0	0	0	0	0	0
1907	RTA00000405F.m.07.1	37733	2	0	0	0	0	0	0	0
1908	RTA00000411F.j.07.1	66963	1	0	0	0	0	0	0	0
1910	RTA00000353R.h.04.1	17123	4	0	0	0	0	0	0	0
1911	RTA00000408F.f.10.2	75309	1	0	0	0	0	0	0	0
1913	RTA00000405F.o.03.1	37575	2	0	0	0	0	0	0	0
1914	RTA00000413F.b.18.1	39873	2	0	0	0	0	0	0	0
1920	RTA00000408F.c.08.1	73473	1	0	0	0	0	0	0	0
1922	RTA00000410F.c.06.1	77784	1	0	0	0	1	0	0	0
1924	RTA00000405F.b.08.1	39182	2	0	0	0	0	0	0	0
1925	RTA00000409F.l.24.1	73174	1	0	0	0	0	0	0	0
1926	RTA00000406F.j.06.1	38952	2	0	0	0	0	0	0	0
1927	RTA00000423F.h.03.1	37903	2	0	0	0	0	0	0	0
1929	RTA00000121A.k.22.1	79523	1	0	0	0	0	0	0	0
1931	RTA00000411F.m.06.1	24195	2	1	0	0	0	0	0	0
1932	RTA00000126A.b.9.1	81279	1	0	0	0	0	0	0	0
1935	RTA00000404F.l.05.1	38671	2	0	0	0	0	0	0	0
1941	RTA00000419F.p.10.1	41448	1	1	0	0	0	0	0	0
1942	RTA00000120A.c.19.1	81016	1	0	0	0	0	0	0	0
1948	RTA00000411F.k.14.1	63987	1	0	0	0	0	0	0	0
1949	RTA00000420F.e.05.1	63908	1	0	0	0	0	0	0	0
1952	RTA00000128A.j.10.1	80085	1	0	0	0	0	0	0	0
1953	RTA00000412F.f.10.2	65405	1	0	0	0	0	0	0	0
1955	RTA00000422F.k.17.1	38955	2	0	0	0	0	0	0	0
1957	RTA00000347F.h.10.1	22779	3	0	0	0	0	0	0	0
1959	RTA00000419F.l.02.1	75736	1	0	0	0	0	0	0	0
1961	RTA00000418F.b.20.1	73560	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1964	RTA00000408F.n.05.2	77883	1	0	0	0	0	0	0	0
1965	RTA00000419F.o.09.1	66396	1	0	0	0	0	0	0	0
1970	RTA00000422F.o.08.2	26832	2	0	0	0	0	0	0	0
1973	RTA00000418F.m.18.1	76479	1	0	0	0	0	0	0	0
1974	RTA00000347F.e.20.1	39911	2	0	0	0	0	0	0	0
1975	RTA00000419F.e.23.1	65772	1	0	0	0	0	0	0	0
1982	RTA00000411F.g.05.1	64664	1	0	0	0	0	0	0	0
1983	RTA00000404F.h.10.1	37148	2	0	0	0	0	0	0	0
1984	RTA00000422F.n.14.1	26787	2	0	0	0	0	0	0	0
1986	RTA00000120A.m.13.3	80608	1	0	0	0	0	0	0	0
1987	RTA00000412F.i.03.1	65617	1	0	0	0	0	0	0	0
1988	RTA00000418F.l.02.1	39316	2	0	0	0	0	0	0	0
1990	RTA00000411F.j.04.1	66219	1	0	0	0	0	0	0	0
1995	RTA00000404F.a.18.1	36267	2	0	0	0	0	0	0	0
1996	RTA00000408F.l.14.1	12001	2	3	0	0	0	0	0	0
1997	RTA00000405F.d.10.1	39000	2	0	0	0	0	0	0	0
1999	RTA00000418F.h.23.1	75153	1	0	0	0	0	0	0	0
2001	RTA00000418F.j.11.1	73853	1	0	0	0	0	0	0	0
2002	RTA00000408F.o.13.1	74895	1	0	0	0	0	0	0	0
2003	RTA00000419F.o.07.1	14059	1	0	0	0	0	0	0	0
2004	RTA00000419F.n.17.1	63186	1	0	0	0	0	0	0	0
2005	RTA00000403F.f.15.1	22768	3	0	0	0	0	0	0	0
2006	RTA00000408F.d.03.1	22768	3	0	0	0	0	0	0	0
2008	RTA00000346F.f.02.1	62757	1	0	0	0	0	0	0	0
2010	RTA00000413F.i.21.1	64066	1	0	0	0	0	0	0	0
2012	RTA00000419F.h.21.1	64828	1	0	0	0	0	0	0	0
2021	RTA00000121A.a.2.1	81843	1	0	0	0	0	0	0	0
2022	RTA00000527F.g.13.1	36035	2	0	0	0	0	0	0	0
2025	RTA00000426F.h.11.1	75479	1	0	0	0	0	0	0	0
2030	RTA00000522F.b.22.1	75181	1	0	0	0	0	0	0	0
2033	RTA00000522F.a.23.1	38613	2	0	0	0	0	0	0	0
2035	RTA00000523F.b.02.1	65163	1	0	0	0	0	0	0	0
2036	RTA00000425F.j.14.1	73397	1	0	0	0	0	0	0	0
2039	RTA00000522F.e.16.1	75283	1	0	0	0	0	0	0	0
2042	RTA00000523F.h.17.1	65586	1	0	0	0	0	0	0	0
2044	RTA00000522F.p.07.1	76888	1	0	0	0	0	0	0	0
2045	RTA00000522F.n.08.1	76343	1	0	0	0	0	0	0	0
2046	RTA00000425F.c.06.1	78041	1	0	0	0	0	0	0	0
2047	RTA00000427F.b.23.1	64297	1	0	0	0	0	0	0	0

SEQ ID	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
NO:										
2048	RTA00000527F.p.02.1	36844	2	0	0	0	0	0	0	0
2049	RTA00000427F.d.08.1	63967	1	0	0	0	0	0	0	0
2051	RTA00000426F.m.07.1	63504	1	0	0	0	0	0	0	0
2052	RTA00000427F.c.10.1	65478	1	0	0	0	0	0	0	0
2055	RTA00000424F.m.15.1	73759	1	0	0	0	0	0	0	0
2056	RTA00000426F.f.11.1	63102	1	0	0	0	0	0	0	0
2058	RTA00000426F.f.20.1	65134	1	0	0	0	0	0	0	0
2063	RTA00000527F.i.19.2	38089	2	0	0	0	0	0	0	0
2068	RTA00000523F.e.18.1	62898	1	0	0	0	0	0	0	0
2069	RTA00000527F.k.21.1	36051	2	0	0	0	0	0	0	0
2072	RTA00000522F.n.02.1	74959	1	0	0	0	0	0	0	0
2075	RTA00000425F.f.19.1	32635	1	1	0	0	0	0	0	0
2076	RTA00000528F.e.23.1	19242	3	0	0	0	0	0	0	0
2077	RTA00000522F.n.16.1	26769	1	0	0	0	0	0	0	0
2078	RTA00000427F.c.20.1	26527	1	0	0	0	0	0	0	0
2079	RTA00000527F.k.06.1	12469	3	1	0	0	0	0	0	0
2081	RTA00000523F.i.06.1	66341	1	0	0	0	0	0	0	0
2082	RTA00000427F.f.21.1	36853	2	0	0	0	0	0	0	0
2083	RTA00000427F.j.19.1	41395	1	1	0	0	0	0	0	0
2084	RTA00000522F.b.01.1	75691	1	0	0	0	0	0	0	0
2085	RTA00000424F.i.24.1	79101	1	0	0	0	0	0	0	0
2086	RTA00000523F.c.01.1	65710	1	0	0	0	0	0	0	0
2087	RTA00000427F.b.15.1	66891	1	0	0	0	0	0	0	0
2090	RTA00000522F.j.15.2	76535	1	0	0	0	0	0	0	0
2093	RTA00000426F.f.19.1	66701	1	0	1	0	0	0	0	0
2096	RTA00000523F.i.22.1	64688	1	0	0	0	0	0	0	0
2098	RTA00000425F.i.17.1	43213	1	1	0	0	0	0	0	0
2101	RTA00000425F.p.12.1	73219	1	0	0	0	0	0	0	0
2102	RTA00000427F.j.07.1	64819	1	0	0	0	0	0	0	0
2104	RTA00000527F.i.05.2	37481	2	0	0	0	0	0	0	0
2107	RTA00000523F.k.01.1	41437	1	1	0	0	0	0	0	0
2108	RTA00000425F.j.11.1	76667	1	0	0	0	0	0	0	0
2109	RTA00000424F.b.22.4	72971	1	0	0	0	0	0	0	0
2111	RTA00000525F.a.03.1	36786	2	0	0	0	0	0	0	0
2112	RTA00000527F.i.21.2	37490	2	0	0	0	0	0	0	0
2113	RTA00000424F.a.24.4	73951	1	0	0	0	0	0	0	0
2114	RTA00000522F.k.14.1	74280	1	0	0	0	0	0	0	0
2115	RTA00000522F.n.05.1	73260	1	0	0	0	0	0	0	0
2116	RTA00000523F.c.18.1	66179	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
2117	RTA00000523F.b.13.1	66330	1	0	0	0	0	0	0	0
2119	RTA00000527F.p.16.1	23798	2	1	0	0	0	0	0	0
2120	RTA00000425F.c.20.1	73581	1	0	0	0	0	0	0	0
2121	RTA00000424F.i.21.1	73482	1	0	0	0	0	0	0	0
2122	RTA00000523F.j.19.1	65910	1	0	0	0	0	0	0	0
2124	RTA00000424F.b.22.1	72971	1	0	0	0	0	0	0	0
2125	RTA00000527F.b.18.1	37469	2	0	0	0	0	0	0	0
2129	RTA00000525F.e.16.1	36837	2	0	0	0	0	0	0	0
2131	RTA00000522F.d.08.1	74284	1	0	0	0	0	0	0	0
2134	RTA00000527F.g.07.1	37488	2	0	0	0	0	0	0	0
2136	RTA00000525F.b.05.1	21116	2	1	0	0	0	0	0	0
2137	RTA00000425F.n.05.1	73965	1	0	0	0	0	0	0	0
2138	RTA00000523F.d.18.1	64072	1	0	0	0	0	0	0	0
2139	RTA00000525F.a.02.1	37454	2	0	0	0	0	0	0	0
2141	RTA00000426F.h.09.1	78797	1	0	0	0	0	0	0	0
2144	RTA00000427F.g.05.1	63138	1	0	0	0	0	0	0	0
2145	RTA00000424F.m.12.1	77675	1	0	0	0	0	0	0	0
2151	RTA00000427F.h.12.1	36894	2	0	0	0	0	0	0	0
2152	RTA00000523F.c.15.1	36935	2	0	0	0	0	0	0	0
2153	RTA00000427F.k.17.1	64965	1	0	0	0	0	0	0	0
2155	RTA00000424F.c.14.3	76614	1	0	0	0	0	0	0	0
2156	RTA00000522F.k.10.2	77619	1	0	0	0	0	0	0	0
2157	RTA00000424F.m.22.1	72943	1	0	0	0	0	0	0	0
2158	RTA00000527F.h.17.1	37799	2	0	0	0	0	0	0	0
2159	RTA00000527F.c.22.1	37496	2	0	0	0	0	0	0	0
2160	RTA00000425F.k.22.1	78123	1	0	0	0	0	0	0	0
2161	RTA00000424F.m.14.1	77491	1	0	0	0	0	0	0	0
2162	RTA00000522F.k.19.1	32625	1	1	0	0	0	0	0	0
2163	RTA00000523F.i.18.1	64463	1	0	0	0	0	0	0	0
2164	RTA00000425F.j.22.1	73882	1	0	0	0	0	0	0	0
2165	RTA00000527F.g.23.1	37538	2	0	0	0	0	0	0	0
2166	RTA00000426F.m.24.1	63943	1	0	0	0	0	0	0	0
2168	RTA00000425F.d.21.1	78920	1	0	0	0	0	0	0	0
2170	RTA00000424F.d.04.3	76505	1	0	0	0	0	0	0	0
2171	RTA00000424F.d.04.1	76505	1	0	0	0	0	0	0	0
2172	RTA00000427F.c.12.1	66995	1	0	0	0	0	0	0	0
2174	RTA00000527F.l.13.1	36904	2	0	0	0	0	0	0	0
2175	RTA00000522F.h.13.1	40823	1	1	0	0	0	0	0	0
2176	RTA00000424F.l.19.1	75454	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
2179	RTA00000427F.a.06.1	66550	1	0	0	0	0	0	0	0
2180	RTA00000525F.c.19.1	38159	2	0	0	0	0	0	0	0
2181	RTA00000523F.f.06.1	62871	1	0	0	0	0	0	0	0
2182	RTA00000424F.h.10.1	72925	1	0	0	0	0	0	0	0
2183	RTA00000522F.a.12.1	33515	1	1	0	0	0	0	0	0
2184	RTA00000522F.h.01.1	75010	1	0	0	0	0	0	0	0
2186	RTA00000425F.e.21.1	77203	1	0	0	0	0	0	0	0
2187	RTA00000523F.f.07.1	62799	1	0	0	0	0	0	0	0
2189	RTA00000424F.j.12.1	73827	1	0	0	0	0	0	0	0
2191	RTA00000523F.d.12.1	64888	1	0	0	0	0	0	0	0
2192	RTA00000523F.e.10.1	62878	1	0	0	0	0	0	0	0
2193	RTA00000425F.f.11.1	79275	1	0	0	0	0	0	0	0
2194	RTA00000426F.m.18.1	62974	1	0	0	0	0	0	0	0
2197	RTA00000522F.g.15.1	76536	1	0	0	0	0	0	0	0
2198	RTA00000522F.n.12.1	74117	1	0	0	0	0	0	0	0
2200	RTA00000424F.d.10.3	73110	1	0	0	0	0	0	0	0
2204	RTA00000527F.c.04.1	23090	3	0	0	0	0	0	0	0
2206	RTA00000527F.h.21.1	37630	2	0	0	0	0	0	0	0
2207	RTA00000425F.c.07.1	76042	1	0	0	0	0	0	0	0
2209	RTA00000525F.c.15.1	7692	2	0	0	0	0	0	0	0
2210	RTA00000424F.d.22.3	76189	1	0	0	0	0	0	0	0
2211	RTA00000523F.h.12.1	65745	1	0	0	0	0	0	0	0
2212	RTA00000522F.g.22.1	77504	1	0	0	0	0	0	0	0
2215	RTA00000522F.j.12.2	74341	1	0	0	0	0	0	0	0
2216	RTA00000523F.i.08.1	65099	1	0	0	0	0	0	0	0
2218	RTA00000425F.j.20.1	26760	1	0	0	0	0	0	0	0
2220	RTA00000427F.f.24.1	64572	1	0	0	0	0	0	0	0
2221	RTA00000527F.a.13.1	37740	2	0	0	0	0	0	0	0
2225	RTA00000424F.a.09.4	77833	1	0	0	0	0	0	0	0
2227	RTA00000525F.f.07.1	37500	2	0	0	0	0	0	0	0
2228	RTA00000424F.j.07.1	79211	1	0	0	0	0	0	0	0
2229	RTA00000424F.m.10.1	34251	1	1	0	0	0	0	0	0
2231	RTA00000522F.g.06.1	78221	1	0	0	0	0	0	0	0
2232	RTA00000424F.h.03.1	74447	1	0	0	0	0	0	0	0
2233	RTA00000424F.n.06.1	74737	1	0	0	0	0	0	0	0
2234	RTA00000427F.c.22.1	63990	1	0	0	0	0	0	0	0
2235	RTA00000424F.k.12.1	77666	1	0	0	0	0	0	0	0
2236	RTA00000425F.f.02.1	76982	1	0	0	0	0	0	0	0
2237	RTA00000427F.h.11.1	26494	1	0	0	0	0	0	0	0

SEQ ID	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
NO:										
2238	RTA00000425F.j.16.1	75631	1	0	0	0	0	0	0	0
2240	RTA00000427F.f.17.1	63803	1	0	0	0	0	0	0	0
2241	RTA00000522F.o.18.1	76366	1	0	0	0	0	0	0	0
2242	RTA00000427F.j.22.1	66367	1	0	0	0	0	0	0	0
2243	RTA00000426F.p.10.1	65845	1	0	0	0	0	0	0	0
2244	RTA00000522F.m.02.1	76834	1	0	0	0	0	0	0	0
2247	RTA00000425F.e.15.1	75921	1	0	0	0	0	0	0	0
2250	RTA00000424F.n.13.1	74942	1	0	0	0	0	0	0	0
2251	RTA00000424F.g.14.1	74879	1	0	0	0	0	0	0	0
2252	RTA00000426F.e.17.1	64089	1	0	0	0	0	0	0	0
2256	RTA00000427F.g.19.1	64611	1	0	0	0	0	0	0	0
2258	RTA00000522F.c.01.1	74938	1	0	0	0	0	0	0	0
2259	RTA00000522F.g.17.1	76486	1	0	0	0	0	0	0	0
2260	RTA00000523F.j.17.1	63610	1	0	0	0	0	0	0	0
2261	RTA00000522F.n.14.1	73410	1	0	0	0	0	0	1	0
2263	RTA00000523F.e.20.1	65164	1	0	0	0	0	0	0	0
2264	RTA00000424F.c.15.3	73533	1	0	0	0	0	0	0	0
2265	RTA00000426F.p.09.1	66665	1	0	0	0	0	0	0	0
2266	RTA00000522F.p.09.1	75204	1	0	0	0	0	0	0	0
2267	RTA00000426F.m.21.1	64915	1	0	0	0	0	0	0	0
2268	RTA00000425F.j.21.1	77373	1	0	0	0	0	0	0	0
2270	RTA00000523F.h.21.1	41440	1	1	0	0	0	0	0	0
2271	RTA00000427F.h.24.1	65193	1	0	0	0	0	0	0	0
2272	RTA00000425F.f.24.1	40841	1	1	0	0	0	0	0	0
2273	RTA00000425F.m.03.1	76045	1	0	0	0	0	0	0	0
2274	RTA00000426F.m.08.1	63781	1	0	0	0	0	0	0	0
2275	RTA00000523F.d.24.1	64799	1	0	0	0	0	0	0	0
2276	RTA00000523F.c.14.1	66015	1	0	0	0	0	0	0	0
2277	RTA00000523F.b.20.1	66492	1	0	0	0	0	0	0	0
2278	RTA00000522F.h.07.1	75149	1	0	0	0	0	0	0	0
2279	RTA00000527F.g.10.1	37820	2	0	0	0	0	0	0	0
2282	RTA00000427F.i.22.1	63199	1	0	0	0	0	0	0	0
2284	RTA00000527F.n.07.1	15939	2	2	0	0	0	0	0	0
2285	RTA00000425F.e.09.1	75550	1	0	0	0	0	0	0	0
2286	RTA00000427F.h.02.1	63652	1	0	0	0	0	0	0	0
2287	RTA00000426F.f.16.1	65613	1	0	0	0	0	0	0	0
2288	RTA00000425F.i.21.1	75305	1	0	0	0	0	0	0	0
2289	RTA00000427F.k.19.1	62851	1	0	0	0	0	0	0	0
2291	RTA00000426F.g.16.1	41446	1	1	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
2292	RTA00000527F.l.05.1	13016	4	0	0	1	1	0	0	0
2293	RTA00000426F.m.02.1	66237	1	0	0	0	0	0	0	0
2296	RTA00000522F.l.22.1	75801	1	0	0	0	0	0	0	0
2297	RTA00000427F.h.19.1	63047	1	0	0	0	0	0	0	0
2299	RTA00000522F.g.21.1	77310	1	0	0	0	0	0	0	0
2301	RTA00000522F.g.20.1	77688	1	0	0	0	0	0	0	0
2304	RTA00000425F.k.20.1	74048	1	0	0	0	0	0	0	0
2306	RTA00000522F.b.07.1	78634	1	0	0	0	0	0	0	0
2307	RTA00000426F.g.19.1	63672	1	0	0	0	0	0	0	0
2308	RTA00000525F.d.19.1	36860	2	0	0	0	0	0	0	0
2310	RTA00000427F.d.10.1	40685	1	1	0	0	0	0	0	0
2313	RTA00000424F.a.05.4	77976	1	0	0	0	0	0	0	0
2315	RTA00000424F.a.05.1	77976	1	0	0	0	0	0	0	0
2316	RTA00000522F.l.15.1	74691	1	0	0	0	0	0	0	0
2317	RTA00000425F.e.02.1	76143	1	0	0	0	0	0	0	0
2318	RTA00000525F.c.11.1	37895	2	0	0	0	0	0	0	0
2320	RTA00000522F.c.14.1	75449	1	0	0	0	0	0	0	0
2321	RTA00000424F.m.08.1	19402	1	2	0	0	0	0	0	0
2322	RTA00000527F.f.18.1	37577	2	0	0	0	0	0	0	0
2324	RTA00000522F.a.06.1	73662	1	0	0	0	0	0	0	0
2327	RTA00000522F.d.23.1	73868	1	0	0	0	0	0	0	0
2330	RTA00000523F.j.10.1	63384	1	0	0	0	0	0	0	0
2331	RTA00000527F.p.08.1	36013	2	0	0	0	0	0	0	0
2333	RTA00000426F.f.17.1	66334	1	0	0	0	0	0	0	0
2334	RTA00000523F.j.21.1	36925	2	0	0	0	0	0	0	0
2339	RTA00000523F.a.01.1	74923	1	0	0	0	0	0	0	0
2341	RTA00000427F.j.06.1	63676	1	0	0	0	0	0	0	0
2342	RTA00000424F.m.04.1	79017	1	0	0	0	0	0	0	0
2343	RTA00000523F.i.17.1	65779	1	0	0	0	0	0	0	0
2346	RTA00000525F.c.18.1	24208	2	1	0	0	0	0	0	0
2347	RTA00000527F.e.09.1	37521	2	0	0	0	0	0	0	0
2348	RTA00000424F.j.08.1	73972	1	0	0	0	0	0	0	0
2350	RTA00000527F.c.09.1	64859	1	0	0	0	0	0	0	0
2353	RTA00000523F.c.03.1	36913	2	0	0	0	0	0	0	0
2354	RTA00000427F.k.21.1	62880	1	0	0	0	0	0	0	0
2356	RTA00000427F.d.09.1	66486	1	0	0	0	0	0	0	0
2357	RTA00000426F.n.17.1	66572	1	0	0	0	0	0	0	0
2360	RTA00000426F.m.03.1	66480	1	0	0	0	0	0	0	0
2361	RTA00000424F.h.06.1	77552	1	0	0	0	0	0	0	0



SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
2362	RTA00000425F.d.06.1	77660	1	0	0	0	0	0	0	0
2363	RTA00000427F.e.12.1	62813	1	0	0	0	0	0	0	0
2366	RTA00000426F.n.23.1	18176	1	0	0	0	0	0	0	0
2367	RTA00000522F.m.19.1	41544	1	1	0	0	0	0	0	0
2368	RTA00000522F.a.05.1	32611	1	1	0	0	0	0	0	0
2369	RTA00000427F.i.09.1	65916	1	0	0	0	0	0	0	0
2370	RTA00000424F.j.09.1	74387	1	0	0	0	0	0	0	0
2371	RTA00000424F.n.11.1	73874	1	0	0	0	0	0	0	0
2373	RTA00000527F.e.13.1	37588	2	0	0	0	0	0	0	0
2375	RTA00000425F.j.19.1	77925	1	0	0	0	0	0	0	0
2376	RTA00000522F.g.12.1	78783	1	0	0	0	0	0	0	0
2377	RTA00000523F.a.07.1	75804	1	0	0	0	0	0	0	0
2378	RTA00000425F.e.19.1	73409	1	0	0	0	0	0	0	0
2379	RTA00000425F.n.19.1	78324	1	0	0	0	0	0	0	0
2384	RTA00000427F.k.07.1	63742	1	0	0	0	0	0	0	0
2387	RTA00000522F.a.17.1	79032	1	0	0	0	0	0	0	0
2388	RTA00000527F.l.19.1	36856	2	0	0	0	0	0	0	0
2389	RTA00000424F.i.11.1	41569	1	1	0	0	0	0	0	0
2391	RTA00000424F.d.19.3	73180	1	0	0	0	0	0	0	0
2392	RTA00000522F.j.09.2	78522	1	0	0	0	0	0	0	0
2393	RTA00000424F.m.24.1	77045	1	0	0	0	0	0	0	0
2394	RTA00000522F.j.19.2	76224	1	0	0	0	0	0	0	0
2398	RTA00000527F.j.12.2	37503	2	0	0	0	0	0	0	0
2399	RTA00000522F.g.11.1	75432	1	0	0	0	0	0	0	0
2400	RTA00000522F.k.02.2	77622	1	0	0	0	0	0	0	0
2401	RTA00000427F.e.13.1	66080	1	0	0	0	0	0	0	0
2402	RTA00000426F.f.18.1	63271	1	0	0	0	0	0	0	0
2403	RTA00000427F.a.12.1	63377	1	0	0	0	0	0	0	0
2404	RTA00000424F.b.23.4	77322	1	0	0	0	0	0	0	0
2408	RTA00000427F.f.02.1	36822	2	0	0	0	0	0	0	0
2410	RTA00000424F.i.15.1	78043	1	0	0	0	0	0	0	0
2412	RTA00000522F.m.03.1	79194	1	0	0	0	0	0	0	0
2413	RTA00000522F.a.20.1	74070	1	0	0	0	0	0	0	0
2414	RTA00000424F.b.15.4	74958	1	0	0	0	0	0	0	0
2415	RTA00000527F.g.14.1	37532	2	0	0	0	0	0	0	0
2416	RTA00000522F.d.06.1	74809	1	0	0	0	0	0	0	0
2418	RTA00000427F.e.10.1	64599	1	0	0	0	0	0	0	0
2419	RTA00000527F.c.16.1	22908	3	0	0	0	0	0	0	0
2421	RTA00000523F.f.17.1	63984	1	0	0	0	0	0	0	0

SEQ ID	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
NO:										
2423	RTA00000527F.p.24.1	36832	2	0	0	0	0	0	0	0
2424	RTA00000425F.n.17.1	78304	1	0	0	0	0	0	0	0
2426	RTA00000425F.e.07.1	75992	1	0	0	0	0	0	0	0
2428	RTA00000523F.h.08.1	62893	1	0	0	0	0	0	0	0
2429	RTA00000522F.o.10.1	78798	1	0	0	0	0	0	0	0
2430	RTA00000425F.i.10.1	26893	1	0	0	0	0	0	0	0
2431	RTA00000427F.f.16.1	64122	1	0	0	0	0	0	0	0
2434	RTA00000425F.i.10.1	78736	1	0	0	0	0	0	0	0
2435	RTA00000426F.m.12.1	63740	1	0	0	0	0	0	0	0
2436	RTA00000527F.g.12.1	37746	2	0	0	0	0	0	0	0
2439	RTA00000425F.i.18.1	42255	1	1	0	0	0	0	0	0
2441	RTA00000424F.j.13.1	74485	1	0	0	0	0	0	0	0
2445	RTA00000424F.k.10.1	73232	1	0	0	0	0	0	0	0
2446	RTA00000522F.i.07.2	78377	1	0	0	0	0	0	0	0
2448	RTA00000522F.b.08.1	26915	1	0	0	0	0	0	0	0
2449	RTA00000522F.l.08.1	78781	1	0	0	0	0	0	0	0
2450	RTA00000525F.a.14.1	37566	2	0	0	0	0	0	0	0
2451	RTA00000424F.g.08.1	74928	1	0	0	0	0	0	0	0
2452	RTA00000425F.l.09.1	75251	1	0	0	0	0	0	0	0
2453	RTA00000522F.o.20.1	74853	1	0	0	0	0	0	0	0
2454	RTA00000527F.j.04.2	11809	3	1	0	0	0	0	0	0
2456	RTA00000523F.c.13.1	40668	1	1	0	0	0	0	0	0
2457	RTA00000427F.i.21.1	65540	1	0	0	0	0	0	0	0
2459	RTA00000522F.h.02.1	74947	1	0	0	0	0	0	0	0
2460	RTA00000522F.g.10.1	74294	1	0	0	0	0	0	0	0
2464	RTA00000425F.k.16.1	75282	1	0	0	0	0	0	0	0
2465	RTA00000525F.b.09.1	23472	2	1	0	0	0	0	0	0
2466	RTA00000522F.j.08.2	76613	1	0	0	0	0	0	0	0
2468	RTA00000523F.f.19.1	34169	1	1	0	0	0	0	0	0
2469	RTA00000425F.j.18.1	75561	1	0	0	0	0	1	0	0
2470	RTA00000426F.m.04.1	36865	2	0	0	0	0	0	0	0
2471	RTA00000527F.g.21.1	36028	2	0	0	0	0	0	0	0
2473	RTA00000525F.a.22.1	36848	2	0	0	0	0	0	0	0
2474	RTA00000522F.p.22.1	73322	1	0	0	0	0	0	0	0
2475	RTA00000424F.d.12.2	74342	1	0	0	0	0	0	0	0
2476	RTA00000424F.g.24.1	79156	1	0	0	0	0	0	0	0
2477	RTA00000427F.a.10.1	65370	1	0	0	0	0	0	0	0
2478	RTA00000426F.h.20.1	23187	3	0	0	0	0	0	0	0
2479	RTA00000424F.d.12.3	74342	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
2480	RTA00000425F.c.03.1	74643	1	0	0	0	0	0	0	0
2481	RTA00000523F.f.16.1	26522	1	0	0	0	0	0	0	0
2482	RTA00000427F.f.15.1	66734	1	0	0	0	0	0	0	0
2485	RTA00000522F.p.18.1	76376	1	0	0	0	0	0	0	0
2493	RTA00000522F.g.18.1	73226	1	0	0	0	0	0	0	0
2495	RTA00000522F.h.05.1	73358	1	0	0	0	0	0	0	0
2497	RTA00000425F.n.16.1	18265	1	0	0	0	0	0	0	0
2498	RTA00000527F.l.21.1	36439	2	0	0	0	0	0	0	0
2501	RTA00000424F.d.17.3	73958	1	0	0	0	0	0	0	0
2502	RTA00000523F.j.02.1	62853	1	0	0	0	0	0	0	0

Table 21. Clones Deposited on January 22, 1999

cDNA Library Ref No.	cDNA ES17	cDNA ES18	cDNA ES19
ATCC Accession No.	ATCC No.	ATCC No.	ATCC No.
Clone Names in Library			
	M00001368A:D07	M00001594A:D06	M00003906A:F04
	M00003917A:D02	M00001613D:H10	M00003908A:F12
	M00001673A:A04	M00001596D:E10	M00003914A:G09
	M00003868B:G11	M00001592C:G04	M00003915C:H04
	M00003917C:D03	M00001599D:A09	M00003905D:B08
	M00003791C:E09	M00001619B:A09	M00003908C:G09
	M00003870A:C05	M00001593B:E11	M00003914B:A11
	M00003922A:D02	M00001605A:E06	M00003916C:C05
	M00003861C:H02	M00001608A:D03	M00003959A:A03
	M00003931B:A11	M00001616C:A02	M00003905D:C08
	M00001679D:B05	M00001617A:D06	M00003908D:D12
	M00001679C:D05	M00001595C:E01	M00003901B:H04
	M00001687A:G01	M00001616C:A11	M00004031A:E01
	M00003945A:E09	M00001608C:E11	M00004029C:C12
	M00003908A:H09	M00001610C:E06	M00003911A:F10
	M00001649B:G12	M00001612B:D11	M00003914C:F09
	M00003813D:H12	M00001618B:E05	M00003963D:B05
	M00004087C:D03	M00001621C:C10	M00003986C:E09
	M00004269B:C08	M00001647A:H08	M00004031A:F07
	M00004348A:A02	M00001631D:B10	M00003907C:C02
	M00001679C:D01	M00001608D:E09	M00003911B:F08
	M00001490A:E11	M00001641B:C10	M00003914C:H05
	M00001387A:E10	M00001641D:E02	M00003918C:C12
	M00001397B:G03	M00001630D:H10	M00003914C:C02
	M00001441D:E04	M00001585C:D10	M00003914A:E04
	M00001352C:G09	M00001560A:H10	M00003903B:D03
	M00001370D:A12	M00001573B:C06	M00003905A:F09
	M00001387B:A06	M00001660C:D11	M00003867C:E11
	M00001397C:A10	M00001641C:C05	M00003870B:B08
	M00001536D:G02	M00001578B:B05	M00003879D:A08
	M00003895C:A10	M00001587C:C10	M00003891D:B10
	M00001464B:B03	M00001590B:C07	M00003901C:A08
	M00004370A:G05	M00001554A:E04	M00003903C:C04
	M00001490B:H11	M00001570C:G06	M00003905A:F10
	M00001530B:D10	M00001576A:B09	M00003906C:D06
	M00001579C:E09	M00001582A:H01	M00003907D:A12
	M00001587A:H03	M00001582B:E12	M00003905C:G11
	M00001457C:H12	M00001615B:F07	M00003914D:D10
	M00001535C:E01	M00001571C:A04	M00003972A:G09
	M00001561D:C05	M00001573D:D10	M00003975D:C06
	M00001589A:C01	M00001576A:F11	M00003905C:B02
	M00001664D:G07	M00001579C:G05	M00003907D:F11
	M00001565A:H09	M00001582D:A02	M00003914A:G06
	M00001381C:B08	M00001589B:E07	M00003914D:E03
	M00001395C:F11	M00001575B:B02	M00003972C:F08
	M00001429D:F11	M00001578C:G06	M00003976C:D06
	M00001449A:F01	M00001591A:B08	M00003907C:C04
	M00001391C:H02	M00001607A:F11	M00003905B:C06
	M00001429D:H12	M00001579C:E06	M00004088C:A12
	M00001450A:G11	M00001661C:F11	M00004103C:D04
	M00001344B:F12	M00001650B:C10	M00004107A:D01

cDNA Library Ref No. ATCC Accession No.	cDNA ES17 ATCC No.	cDNA ES18 ATCC No.	cDNA ES19 ATCC No.
	M00001391D:C06	M00001654C:E04	M00004110A:E04
	M00003971A:A06	M00001656B:A08	M00004062A:H06
	M00001346A:E04	M00001662C:B02	M00004075D:C10
	M00001455C:G07	M00001656B:D05	M00004081D:H09
	M00001402D:F02	M00001661C:F10	M00004089A:B08
	M00001438D:C06	M00001663A:C11	M00004103D:F10
	M00001349B:G05	M00001669A:C10	M00004107B:B04
	M00001389C:A08	M00001651B:B12	M00004032C:B02
	M00001439B:A10	M00001653B:E06	M00004078C:F04
	M00001455B:A09	M00001659C:F02	M00004038B:H10
	M00001441B:D11	M00001661B:F03	M00004089A:E02
	M00001453A:B01	M00001663C:F10	M00004096B:F05
	M00001456D:E08	M00001669A:G12	M00004104C:H12
	M00001399A:C03	M00001674D:C10	M00004110D:A10
	M00004496C:H03	M00001651B:E06	M00004036D:F02
	M00004135D:G02	M00001651C:C05	M00004088C:E04
	M00004692A:E07	M00001657C:C07	M00004104D:A04
	M00004374D:E10	M00001662A:C12	M00004107D:E12
	M00004405D:C04	M00001663D:C06	M00004115D:D08
	M00004312B:H07	M00001590B:C05	M00003846A:D03
	M00003976C:A10	M00001483C:G06	M00004072C:F08
	M00004043A:D02	M00001653A:G07	M00004039B:G08
	M00004081C:H06	M00001625B:C10	M00003986D:D02
	M00004050D:A06	M00001626C:D12	M00003914A:B07
	M00001361B:C07	M00001634D:D02	M00003914D:B02
	M00004341B:G03	M00001641C:C06	M00003971B:B07
	M00001342B:E01	M00001642D:F02	M00003978C:A03
	M00004064D:A11	M00001647B:E04	M00003983B:C08
	M00004087A:G08	M00001632B:E05	M00004033D:D07
	M00004344B:H04	M00001639A:C11	M00004072D:H12
	M00004497A:H03	M00001642D:G10	M00004077B:H11
	M00001338C:E10	M00001624A:G11	M00004080A:F01
	M00001366D:E12	M00001626C:G08	M00004092C:B03
	M00001390D:E03	M00001672D:D04	M00004037B:C04
	M00001413B:H09	M00001639A:H06	M00004073C:D04
	M00004271B:B06	M00001662C:A04	M00004081A:A08
	M00004151D:E03	M00001641B:B01	M00004085B:B05
	M00001660B:C04	M00001673C:A02	M00004090C:C07
	M00003802D:B11	M00001650A:A12	M00004086D:B09
	M00001579C:E08	M00001659D:D03	M00004088D:B03
	M00001557D:C08	M00001661B:B05	M00004090C:C10
	M00003779B:E12	M00001671D:E10	M00004102C:D09
	M00001638A:D10	M00001652D:A06	M00004105C:E09
	M00003794A:B03	M00001654C:D05	M00004035A:G10
	M00001616C:F07	M00001656A:B07	M00003906A:H07
	M00001679A:F01	M00001647B:C09	M00004083B:G03
	M00001604C:E09	M00001635A:C06	M00001675B:E02
	M00001653B:E09	M00001482D:A04	M00003793C:D09
	M00001585A:F07	M00001485C:B10	M00003762B:H09
	M00003811D:A12	M00001457D:A07	M00001694C:F12
	M00001653C:F12	M00001461A:E05	M00001678D:C11
	M00001679D:F06	M00001477A:G07	M00001677D:B07

cDNA Library Ref No. ATCC Accession No.	cDNA ES17 ATCC No.	cDNA ES18 ATCC No.	cDNA ES19 ATCC No.
	M00003751D:B02	M00001479D:H03	M00001677B:A02
	M00003801A:B10	M00001482C:D02	M00001675B:H03
	M00003844C:A08	M00001484D:G05	M00003808D:D04
	M00001636C:C01	M00001459B:D03	M00003752B:C02
	M00001669C:B01	M00001464B:C11	M00003819D:B11
	M00003755A:A09	M00001511A:A05	M00001677D:B02
	M00003798D:H08	M00001477B:C02	M00001694C:G04
	M00001444C:D05	M00001471A:D04	M00003789C:F06
	M00004040B:F10	M00001485C:H10	M00001678C:C06
	M00001355A:C12	M00001485D:E05	M00001675B:D02
	M00001401A:H07	M00001487C:G03	M00003750C:H05
	M00001393B:B09	M00001514A:B04	M00001694A:B12
	M00001409D:F11	M00001530C:G10	M00001677B:H06
	M00001387B:H07	M00001534A:G06	M00001675C:G01
	M00001394C:C11	M00001539A:C12	M00001675B:C01
	M00001344A:H07	M00001547A:F11	M00003857B:F07
	M00001490C:D07	M00001550D:A04	M00003812B:D07
	M00001352C:F06	M00001460A:F07	M00001694B:B08
	M00001476D:G03	M00001472C:A01	M00001677B:E06
	M00001399C:D09	M00001481B:A07	M00004037A:E04
	M00001347C:G08	M00001456D:F05	M00003870A:H01
	M00001453D:G12	M00001456D:G11	M00003842C:D11
	M00001382A:F04	M00001477D:F10	M00003828B:F09
	M00001392D:H04	M00001481A:G06	M00003856C:H09
	M00001429C:G12	M00001464A:B03	M00003851A:C10
	M00001454A:C11	M00001469A:G11	M00003841C:E04
	M00001517B:G08	M00001478B:D07	M00003837C:G08
	M00001535A:D02	M00001473A:C11	M00003828B:E07
	M00001352A:E12	M00001457A:G03	M00003772C:B12
	M00001381B:F06	M00001669B:G02	M00001677D:F03
	M00004117A:D11	M00001479D:G06	M00001678B:B12
	M00004217C:D03	M00001473D:B11	M00001678D:G03
	M00004270A:F11	M00001475A:A12	M00001675C:F01
	M00003996A:A06	M00001460A:G07	M00003809A:H04
	M00004056B:D09	M00001464A:D03	M00003771D:G05
	M00004142A:B12	M00001473D:G01	M00001678A:F05
	M00001396D:B03	M00001476D:C05	M00001677B:B06
	M00001370D:E12	M00001484A:A10	M00003794A:E12
	M00001390C:C11	M00001457C:F02	M00003771B:E05
	M00003989A:H11	M00001459B:A12	M00001678A:A11
	M00001426A:A09	M00001464A:E07	M00003805B:C04
	M00004498D:D05	M00001467A:B03	M00001680B:E10
	M00001391B:G12	M00001514A:B08	M00001679B:H07
	M00001391D:D10	M00001464A:B07	M00003904D:B12
	M00001376B:A02	M00001579A:C03	M00003856C:B08
	M00001405B:D07	M00001517A:G08	M00003858D:G06
	M00001368A:A03	M00001530B:G09	M00003870B:F04
	M00001392D:B11	M00001538A:F12	M00003871C:B05
	M00003900D:B10	M00001540C:B03	M00003875A:C04
	M00001494B:C01	M00001547A:F06	M00003901B:A09
	M00001352C:A05	M00001550A:F07	M00003901C:D03
	M00001408B:G06	M00001567B:G11	M00003904C:B06

cDNA Library Ref No. ATCC Accession No.	cDNA ES17 ATCC No.	cDNA ES18 ATCC No.	cDNA ES19 ATCC No.
	M00004252C:E03	M00001572A:A10	M00003901C:F09
	M00003901C:A03	M00001575B:G01	M00003904D:B10
	M00004071D:A10	M00001487D:C11	M00003850D:H11
	M00001377B:H01	M00001577B:A03	M00003902B:D06
	M00003939A:A02	M00001539D:E10	M00003879A:C01
	M00004250D:D10	M00001587A:F05	M00003877D:G05
	M00004290A:B03	M00001560A:F03	M00003881D:C12
	M00003911D:B04	M00001569B:G11	M00003903A:H09
	M00004128B:G01	M00001573A:A06	M00003905A:A06
	M00004142A:D08	M00001575D:A10	M00003875D:D09
	M00003977A:E04	M00001583A:D01	M00003879B:A06
	M00004236C:D10	M00001587A:F08	M00003823D:G05
	M00004388B:A08	M00001590B:B02	M00003763A:C01
	M00004409B:A11	M00001553A:E07	M00003903B:C02
	M00003965A:B11	M00001560A:H06	M00003905A:E07
	M00003988A:E10	M00001589C:A11	M00003867A:D12
	M00004138A:H09	M00001538A:C08	M00003857C:C09
	M00003933C:D06	M00001531A:H03	M00003829C:D10
	M00004193C:G11	M00001548A:G01	M00003839D:E02
	M00004039C:C01	M00001531A:H07	M00003841C:F03
	M00003924B:D04	M00001542A:E04	M00003903D:C06
	M00004375C:D01	M00001487A:F10	M00003852D:E08
		M00001503C:G05	M00003845D:A09
		M00001511A:G08	M00003824A:G10
		M00001539A:H12	M00003841C:F06
		M00001542A:F06	M00003848A:C09
		M00001549A:F01	M00003857C:F11
		M00001514A:A12	M00003816C:C01
		M00001516A:D05	M00003843A:E08
		M00001546C:C07	M00003850A:F06
		M00001549A:H11	M00003813B:A11
		M00001538A:D03	M00003855C:F10
		M00001544A:C09	M00003850D:B05
		M00001546B:F12	M00003841D:F06
		M00001550A:D09	M00003858B:G05
		M00001487B:F02	M00003854D:A12
		M00001513A:G07	M00003857C:G01
		M00001530A:F12	M00003816C:E09
		M00001538A:D12	M00003813A:G04
		M00001587A:G06	M00003850D:A05
		M00001551A:D04	
		M00001485B:C03	

Table 22. Clones Deposited on January 22, 1999

cDNA Ref No.; ATCC Accession No. Clone Names in Library	cDNA Ref ES20 ATCC No.	cDNA Ref No. ES27 ATCC No.	cDNA Ref ES28 ATCC No.
	M00004891D:A07	M00001623B:G07	M00001550D:H02
	M00004118B:C11	M00001619D:G05	M00001549C:D02
	M00004105A:B10	M00001616C:C09	M00001549A:A09
	M00004099A:F11	M00001615C:F03	M00001548A:B11
	M00004037C:D07	M00001614D:D09	M00001546C:G10
	M00004033D:C05	M00001608B:A03	M00001544C:C06
	M00003983D:A09	M00001607D:F07	M00003820B:C05
	M00004029B:H08	M00001623D:C10	M00001543A:H12
	M00004927A:A02	M00001599B:E09	M00001540C:B10
	M00003983C:F10	M00001632C:C09	M00001552B:G05
	M00003980B:C06	M00001605C:D12	M00001543C:F01
	M00004033D:B07	M00001625D:C07	M00001552D:G08
	M00004034C:E08	M00001629B:E06	M00001554B:B07
	M00005100B:H07	M00001594A:B12	M00001555A:B01
	M00005136A:D10	M00001632C:A02	M00001557A:F01
	M00005173D:H02	M00001567C:H12	M00001558A:E11
	M00004891D:C11	M00001635C:A03	M00001561C:E11
	M00004101A:F07	M00001636C:H09	M00001571D:B11
	M00003982B:B06	M00001638A:E07	M00001563B:D11
	M00004108C:E01	M00001639A:F10	M00001569C:B06
	M00005136D:B07	M00001656C:G08	M00001539B:H06
	M00004118D:A11	M00001632A:F12	M00001571B:E03
	M00005102C:C01	M00001557A:D02	M00001561D:C11
	M00005177C:A01	M00001529B:C04	M00001487C:D06
	M00004927C:H11	M00001534B:C12	M00001454B:D08
	M00005174D:B02	M00001535D:C01	M00003772D:E10
	M00004027A:D06	M00001536D:A12	M00001573C:D03
	M00005217A:G10	M00001540B:C09	M00001454D:E05
	M00003984A:B06	M00001540D:D02	M00001455D:F09
	M00003851C:D07	M00001541C:B07	M00001457C:C11
	M00003959C:G06	M00001546B:B02	M00001459B:C09
	M00005100B:G11	M00001575B:C09	M00001460A:E01
	M00005213C:G01	M00001554B:C07	M00001460C:H02
	M00003982B:H07	M00001578D:C04	M00001456A:H02
	M00004029C:B03	M00001557C:H07	M00001477B:F04
	M00004033D:G06	M00001558B:D08	M00003845D:B04
	M00004091B:H09	M00001560D:A03	M00001488A:E01
	M00003959D:A04	M00001561C:F06	M00001492D:A11
	M00004030D:B06	M00001564D:C09	M00001496C:G10
	M00004034C:C06	M00003748B:F02	M00001499A:A05
	M00004030C:D12	M00001570D:A03	M00001500A:B02
	M00003982C:H10	M00001660C:B12	M00001500D:E10
	M00003971C:F09	M00001577B:H02	M00001513D:A03
	M00004031B:A06	M00001548A:A08	M00001528A:C11
	M00003966B:D02	M00003868B:D12	M00001528C:H04
	M00004028B:G08	M00001718D:F07	M00001531B:E09
	M00004031C:H10	M00003829C:A11	M00001463A:F06
	M00004076D:B09	M00003832B:E01	M00003755A:B03



cDNA Ref No.; ATCC Accession No.	cDNA Ref ES20 ATCC No.	cDNA Ref No. ES27 ATCC No.	cDNA Ref ES28 ATCC No.
	M00004092D:B11	M00003842B:D09	M00001653B:G07
	M00003981C:F05	M00003845A:H12	M00001654D:G11
	M00004031D:F05	M00003847B:G03	M00001656B:A07
	M00004097B:D03	M00003847C:E09	M00001664B:D06
	M00003986D:G07	M00003853D:G08	M00001664C:H10
	M00004033B:C02	M00003828A:E04	M00001680B:C01
	M00004037B:A04	M00003867C:H09	M00001681A:F03
	M00004092C:B12	M00003822A:F02	M00001684B:G03
	M00005140D:G09	M00003868C:H10	M00001771A:A07
	M00004897D:G05	M00003871A:A05	M00003774C:D02
	M00004960B:D12	M00003879C:G10	M00003754D:D02
	M00005134C:G04	M00003880C:F10	M00001640B:F03
	M00005139A:F01	M00003881D:D06	M00003763B:H01
	M00005176A:C12	M00003884D:G07	M00003812C:A05
	M00005178A:A07	M00003887A:A06	M00003803C:D09
	M00005212A:A02	M00003889A:D10	M00003801B:B10
	M00005229D:H07	M00003889D:B09	M00003798D:E03
	M00004115C:H04	M00003858D:F12	M00003773B:G01
	M00004687A:C03	M00003774B:B08	M00003771A:G10
	M00004900C:E11	M00001680D:D02	M00001452A:E07
	M00004695B:E04	M00001528A:F09	M00004029B:F11
	M00005134D:A06	M00003748A:B07	M00003751B:A05
	M00004103B:B07	M00001655A:F06	M00001609B:A11
	M00005177A:B06	M00003750A:D01	M00001573D:F10
	M00005178A:A08	M00003761D:E02	M00001579C:B11
	M00004104D:B05	M00003763D:E10	M00001579C:H10
	M00004117B:G01	M00003768A:E02	M00001579D:G07
	M00004900D:B10	M00003829B:G03	M00001583B:E10
	M00005134D:H03	M00003772A:D07	M00001586D:E02
	M00005173C:A02	M00001661B:C08	M00001587D:A10
	M00005177A:H09	M00003778A:D08	M00001589A:D12
	M00005178B:H01	M00003799A:D09	M00001590C:H08
	M00005216C:B09	M00003800A:C09	M00001651B:A11
	M00003826B:E11	M00003804A:H04	M00001597A:E12
	M00001596A:G06	M00003806D:G05	M00001649C:B10
	M00005100B:D02	M00003808C:B05	M00001614A:E06
	M00005137A:E01	M00003811A:E03	M00001615C:D02
	M00004119A:A06	M00003815D:H09	M00001621D:D03
	M00004891D:E07	M00003818B:G12	M00001623D:G03
	M00004958B:D01	M00003769B:D03	M00001624A:F09
	M00005102C:F09	M00001390A:A09	M00001624C:A06
	M00005136D:C01	M00001432A:E06	M00001630B:A11
	M00005174D:H02	M00001381A:D02	M00001634B:C10
	M00005177C:B04	M00001383A:G04	M00001639D:B07
	M00005218B:D09	M00001384C:E03	M00001573D:F04
	M00004102C:F03	M00001384C:F12	M00001595B:A09
	M00004114B:D09	M00001384D:H07	M00004156B:A12
	M00004119D:A07	M00001385B:F10	M00004319D:G09
	M00004895C:G05	M00001385C:H11	M00004096A:G02
	M00004235A:A12	M00001386A:C02	M00004101C:G08

cDNA Ref No.; ATCC Accession No.	cDNA Ref ES20 ATCC No.	cDNA Ref No. ES27 ATCC No.	cDNA Ref ES28 ATCC No.
M00005134B:E01	M00004115C:G03	M00001372C:F07	M00004102A:H02
M00005175B:H04	M00005214B:D11	M00001389D:G11	M00004108A:A09
M00004102D:B05	M00004115A:B12	M00001371D:G01	M00004111D:D11
M00004119D:H06	M00004897D:F03	M00001392C:D10	M00004115D:C08
M00004960B:A09	M00005134C:E11	M00001392D:H06	M00004118D:E08
M00005138B:D12	M00005176A:A05	M00001397B:B09	M00004121C:F06
M00005214C:A09	M00005214C:A09	M00001398A:G03	M00004131B:H09
M00004102C:D01	M00004960B:A08	M00001400A:F06	M00004141D:A09
M00004960B:A08	M00001476D:A09	M00001410B:G05	M00004090A:F09
M00001572A:B06	M00005217D:F12	M00001413A:F02	M00004146A:C08
M00005233A:G08	M00005236B:F10	M00001415B:E09	M00004078B:A11
M00005259B:C01	M00005254D:B08	M00001425A:C11	M00004176B:E08
M00005259C:B05	M00001575A:D06	M00001386A:D11	M00004188C:A09
M00005259D:H08	M00003813C:D08	M00001354C:B06	M00004233C:H09
M00001530D:E06	M00004891B:B12	M00001339D:G02	M00004241D:F11
M00001596B:C11	M00004300C:H09	M00001660A:C12	M00004246C:A09
M00004300C:H09	M00001486D:D12	M00001528A:A01	M00004247C:C12
M00001585D:F03	M00001596B:D09	M00001343D:C04	M00004248B:E08
M00001596B:D09	M00001570D:E06	M00001347B:E01	M00004257C:H06
M00001570D:E06	M00001582C:E01	M00001348A:D04	M00004260D:C12
M00001582C:E01	M00001586C:E06	M00001349C:C05	M00004295B:D02
M00001586C:E06	M00001593B:D10	M00001350A:D06	M00004040D:F01
M00001593B:D10	M00001595C:H11	M00001352D:C05	M00004142D:E10
M00001595C:H11	M00001596B:H05	M00001380C:E05	M00003853D:D03
M00001596B:H05	M00001576A:C11	M00001354B:B10	M00003860D:H07
M00001576A:C11	M00001596C:F09	M00001380C:F02	M00003878C:E04
M00001596C:F09	M00001567A:H05	M00001354C:C10	M00003879A:G05
M00001567A:H05	M00001585D:D11	M00001355B:G11	M00003880B:C08
M00001585D:D11	M00004688A:A02	M00001356D:F06	M00003881A:D09
M00004688A:A02	M00004927A:E06	M00001360D:E11	M00003881C:G09
M00004927A:E06	M00005229D:H09	M00001361C:H11	M00003901B:A05
M00005229D:H09	M00004117B:A12	M00001362C:A10	M00003904D:D10
M00004117B:A12	M00004187D:G09	M00001363C:H02	M00003905C:G10
M00004187D:G09	M00005173B:F01	M00001366D:G02	M00003906B:F12
M00005173B:F01	M00005218A:G05	M00001369A:H12	M00003909A:H04
M00005218A:G05		M00001352D:D02	M00004091B:D11
		M00001485D:B10	M00003963A:E03
		M00001457B:E03	M00004353C:H07
		M00001457C:C12	M00003919A:A10
		M00001458C:E01	M00003938A:B04
		M00001462B:A10	M00003939C:F04
		M00001464D:F06	M00003946D:C11
		M00001467D:H05	M00003979A:F03
		M00001468B:H06	M00003985C:F01
		M00001505C:H01	M00003997B:G07
		M00001470A:H01	M00003860D:A01
		M00001457A:B07	M00004035A:A04
		M00001479B:A01	M00004042D:H02
		M00001469D:D02	M00004073B:B01
		M00001487A:A05	M00003946A:H10

cDNA Ref No.: ATCC Accession No.	cDNA Ref ES20 ATCC No.	cDNA Ref No. ES27 ATCC No.	cDNA Ref ES28 ATCC No.
	M00004118A:H08	M00001352C:H02	M00001423D:A09
	M00005134A:D11	M00001488D:C10	M00004314B:G07
	M00005176C:C09	M00001490C:C12	M00001405D:D11
	M00005230D:F06	M00001493B:D09	M00001408A:H04
	M00005234D:B04	M00001504D:D11	M00001408D:D04
	M00005101C:E09	M00001376B:C06	M00001411D:F05
	M00004206A:E02	M00001506B:D09	M00001412A:E04
	M00001570C:A05	M00001511B:C06	M00001413A:F03
	M00005231A:H04	M00001476B:F10	M00001417B:C04
	M00005235A:A03	M00001450D:D04	M00001417D:A04
	M00004118B:B04	M00001433A:G07	M00001418B:F07
	M00005136D:D06	M00001470C:B10	M00001419D:C10
	M00005231C:B01	M00001437D:C04	M00001402B:F12
	M00004153B:B03	M00001447C:C01	M00001423A:G05
	M00004897C:D06	M00001448B:F06	M00001401C:H03
	M00005136D:G06	M00001449D:A06	M00001423D:D12
	M00005212B:A02	M00001433B:H11	M00001424B:H04
	M00005232A:C10	M00001451D:C10	M00001428B:A09
	M00004692A:H10	M00001452A:C07	M00001430A:A02
	M00005101C:B09	M00001453C:A11	M00001432D:F05
	M00004144A:F04	M00001456B:C09	M00001438B:B09
	M00003852B:D11	M00001454B:G03	M00001445B:E04
	M00001660D:E05	M00001454B:G07	M00001445C:A08
	M00003808A:F09	M00001454C:C08	M00001446C:D09
	M00001656A:D10	M00001454C:F02	M00001448A:G09
	M00001671A:H06	M00001454D:D06	M00001449C:H12
	M00003809C:H07	M00001456B:F10	M00001422C:F12
	M00003853C:C06	M00001455D:A09	M00001352C:H10
	M00003860A:A08	M00001455D:A11	M00004375A:H01
	M00003822B:D08	M00001448D:F09	M00004380B:A05
	M00003845A:E12		M00004444B:D11
	M00003854C:C02		M00001338B:E02
	M00003860B:G09		M00001341A:F12
	M00003822B:G01		M00001344A:G07
	M00001670A:C11		M00001345A:G11
	M00003852A:B03		M00001345B:E10
	M00003829D:A11		M00001345C:B01
	M00003854C:F01		M00001346B:B07
	M00003856B:C04		M00001405B:E09
	M00003905A:H11		M00001352B:F04
	M00001530A:F11		M00001451C:E01
	M00003840B:E07		M00001361A:H07
	M00003905B:G03		M00001362B:H06
	M00003840B:E08		M00001372C:G12
	M00003855A:C12		M00001375B:G12
	M00003905B:H05		M00001376A:C05
	M00003826B:B04		M00001376B:A08
	M00003851C:B06		M00001377C:E12
	M00003853B:C08		M00001382B:F12
	M00003829A:F03		M00001385A:F12

cDNA Ref No.:  
ATCC Accession No.

cDNA Ref ES20  
ATCC No.  
M00001638C:G01  
M00003845D:B02  
M00001653D:G07  
M00001578B:A02  
M00001590B:H10  
M00001595C:A09  
M00001596A:E07  
M00001607A:B06  
M00001607A:D10  
M00001652C:B09  
M00001671B:F02  
M00001632C:D08  
M00001638C:H07  
M00001652D:B09  
M00001614C:E11  
M00001633B:B11  
M00001651C:A04  
M00001639D:G12  
M00001671C:F11  
M00001638A:B04  
M00001637C:H12  
M00001669B:H06  
M00001639D:F02  
M00001590A:C08  
M00001636A:C02  
M00001614A:A04  
M00001639D:G06

cDNA Ref No. ES27  
ATCC No.

cDNA Ref ES28  
ATCC No.  
M00001394A:E04  
M00001395A:C09  
M00001396A:H03  
M00001350B:G11

**Table 23. Library Deposited on January 22, 1999**

cDNA Ref No.;	cDNA Library Ref ES29	cDNA Library Ref ES30
ATCC Accession No.	ATCC No.	ATCC No.
Clone Names in		
Library		
	M00001449D:B01	M00001594D:B08
	M00001476D:F03	M00001593A:B07
	M00001456C:B12	M00001594A:C01
	M00001469B:B01	M00001594A:D08
	M00001471A:B04	M00001594A:G09
	M00001472A:D08	M00001595C:B05
	M00001473A:A07	M00001594B:F12
	M00001473C:D09	M00001596D:E03
	M00001475B:C04	M00001594D:C03
	M00001475C:G11	M00001592C:F11
	M00001476A:D11	M00001590D:G07
	M00001476B:D10	M00001595D:A04
	M00001468A:C05	M00001595D:G03
	M00001476C:C11	M00001601A:A06
	M00001467A:H07	M00001590C:F10
	M00001477B:E02	M00001589B:B08
	M00001478B:H08	M00001589C:E06
	M00001479C:E01	M00001611B:A05
	M00001480A:D03	M00001601A:E02
	M00001480C:A05	M00001587A:D01
	M00001481A:H08	M00001591B:B12
	M00001481B:D09	M00001590B:G08
	M00001482A:H05	M00001592C:E05
	M00001482D:H11	M00001591B:B06
	M00001483C:G09	M00001591D:C07
	M00001485A:C05	M00001591D:F06
	M00001476B:F08	M00001592A:E02
	M00001460A:E11	M00001592A:H05
	M00001456C:C11	M00001592B:A04
	M00001457A:C05	M00001587A:B10
	M00001457A:G12	M00001609D:G10
	M00001458A:A11	M00005231D:B09
	M00001458C:D10	M00001614B:E08
	M00001458D:A01	M00005217C:C01
	M00001458D:A02	M00001587A:B01
	M00001458D:C11	M00001613D:B03
	M00001458D:D01	M00001613A:F03
	M00001459B:C11	M00001611C:H11
	M00001468A:H10	M00001611C:C12
	M00001460A:C10	M00001611B:E06
	M00001485B:F05	M00001611B:A09
	M00001460A:H11	M00001610D:D05
	M00001461A:F05	M00001610B:C07
	M00001462A:D03	M00001610C:E07
	M00001464A:B02	M00001610A:E09
	M00001464A:E10	M00001601A:E12
	M00001465A:B12	M00001609B:C09
	M00001465A:C12	M00001608D:D11
	M00001465A:E10	M00001608B:A09

cDNA Ref No.; ATCC Accession No.	cDNA Library Ref ES29 ATCC No.	cDNA Library Ref ES30 ATCC No.
	M00001465A:G06	M00001607D:F06
	M00001466A:F08	M00001607B:C05
	M00001467A:C10	M00001606A:H09
	M00001460A:B12	M00001605A:H03
	M00001545A:B12	M00001605A:E09
	M00001535A:D10	M00001605A:A06
	M00001536A:F11	M00001604A:C11
	M00001537A:H05	M00001604A:C07
	M00001539A:E01	M00001604A:B08
	M00001539A:H02	M00001604A:A09
	M00001539B:G07	M00001610A:H05
	M00001539D:B10	M00005214B:A06
	M00001540D:E02	M00005228A:A09
	M00001541B:E05	M00001567A:B09
	M00001542A:G12	M00001561A:D01
	M00001485B:D09	M00001559A:C08
	M00001545A:B10	M00001559A:A11
	M00001533A:G05	M00001558A:G09
	M00001545A:F02	M00001555A:B12
	M00001545A:G05	M00001554A:A08
	M00001546A:D08	M00001552A:H10
	M00001548A:H04	M00001552A:F06
	M00001550A:E07	M00005231C:B07
	M00001551A:A11	M00005218D:G10
	M00001551A:D06	M00001570A:H01
	M00001551A:H06	M00005214D:D10
	M00001551D:H07	M00001570C:G03
	M00001552A:E10	M00005213C:A01
	M00001450A:B08	M00005212D:F08
	M00001544A:F05	M00005212A:D10
	M00001512A:G05	M00005211C:E09
	M00001483B:D04	M00005211A:E09
	M00001485B:H03	M00005210D:C09
	M00001485C:C08	M00005179D:B03
	M00001486B:D07	M00005179B:H02
	M00001486B:E12	M00005177D:F09
	M00001487B:A11	M00005177C:G04
	M00001487B:E10	M00005177B:H02
	M00001507A:A11	M00001614D:B08
	M00001507A:B02	M00001615A:D06
	M00001507A:C05	M00005216B:D02
	M00001507A:E04	M00001579C:A01
	M00001534A:D03	M00001585B:C03
	M00001511A:G01	M00001585B:A06
	M00001533D:A08	M00001584D:H02
	M00001513A:F05	M00001584A:G03
	M00001514A:G03	M00001583D:B08
	M00001516A:D02	M00001583B:F02
	M00001516A:F06	M00001583A:F07
	M00001517A:B11	M00001583A:A05

cDNA Ref No.: ATCC Accession No.	cDNA Library Ref ES29 ATCC No.	cDNA Library Ref ES30 ATCC No.
	M00001529D:C05	M00001582D:F02
	M00001530A:A09	M00001582D:B01
	M00001530A:E10	M00001582A:A03
	M00001532A:C01	M00001579D:H09
	M00001532D:A06	M00001567D:B03
	M00001485B:D10	M00001579C:H06
	M00001511A:A02	M00001585B:F01
	M00004249D:B08	M00001579B:F04
	M00004185D:E04	M00001579A:E03
	M00004188D:G08	M00001578C:F05
	M00004197C:F03	M00001577D:H06
	M00004198B:D02	M00001577B:F10
	M00004204D:C03	M00001576C:G05
	M00004208B:F05	M00001575D:D12
	M00004208D:B10	M00001575D:B10
	M00004210B:B05	M00001575D:A02
	M00001362D:H01	M00001573B:G08
	M00004216D:D03	M00001573A:E01
	M00004167A:H03	M00001572A:B05
	M00004275A:B03	M00001571D:F05
	M00004285C:A08	M00001579D:F04
	M00004316A:G09	M00001636A:F08
	M00004465B:D04	M00001643B:E05
	M00004493B:D09	M00001642C:G02
	M00001347B:H04	M00001642A:F03
	M00001351C:B06	M00001641D:C04
	M00001360A:G10	M00001641C:H07
	M00004216D:C03	M00001641C:F01
	M00004076D:D04	M00001641C:D02
	M00001484C:A04	M00001641B:F12
	M00001456B:G01	M00001634A:B04
	M00003972D:C09	M00001636B:G11
	M00003974C:E04	M00001649C:D05
	M00003979A:E11	M00001636A:C03
	M00003983C:F03	M00001635D:D05
	M00003989B:F11	M00001635D:C12
	M00004031D:B05	M00001635B:H02
	M00004177C:A01	M00001635B:H01
	M00004076B:G03	M00001634D:G11
	M00004167D:A07	M00001634D:D04
	M00004078A:A06	M00001634A:H05
	M00004085A:B02	M00001641A:A11
	M00004107B:A06	M00001638B:E12
	M00004111C:E11	M00001640A:H02
	M00004130D:H01	M00001614C:E06
	M00004157D:B03	M00001636D:F09
	M00004159C:F09	M00001637A:A03
	M00004162C:A07	M00001637A:A06
	M00004135B:G01	M00001637A:E10
	M00004040A:G12	M00001637A:F10

cDNA Ref No.;	cDNA Library Ref ES29	cDNA Library Ref ES30
ATCC Accession No.	ATCC No.	ATCC No.
	M00001453B:H12	M00001637C:C06
	M00001448A:E11	M00001644A:H01
	M00001448B:F09	M00001638B:E03
	M00001448B:H05	M00001649A:E11
	M00001448C:E11	M00001638B:F10
	M00001448C:F10	M00001639A:C03
	M00001448D:F12	M00001639A:G07
	M00001449B:B03	M00001639B:H01
	M00001449C:C05	M00001639B:H05
	M00001449D:G10	M00001639C:A09
	M00001448A:B12	M00001639C:C02
	M00001453A:D08	M00001649C:E11
	M00001451B:A04	M00001649C:H10
	M00001454A:F11	M00001637C:E03
	M00001454A:G03	M00001617A:A08
	M00001455A:F04	M00001622A:H12
	M00001455B:E07	M00001621C:H12
	M00001455D:A06	M00001621B:G05
	M00001364B:B06	M00001620D:H02
	M00004117A:G01	M00001620D:G11
	M00001455D:D11	M00001619D:D10
	M00001456B:A06	M00001619C:C07
	M00001451A:C10	M00001619A:E05
	M00001395A:E03	M00001623A:F04
	M00001366D:C06	M00001618A:A03
	M00001365A:H10	M00001618B:D09
	M00001366D:C12	M00001617A:A01
	M00001373D:B03	M00001616D:C11
	M00001453B:F08	M00001615C:G05
	M00001444D:C01	M00001615C:A11
	M00001375B:C06	M00001615B:G07
	M00001392C:D05	M00001633D:H06
	M00001395A:A12	M00001639C:A10
	M00001395A:H02	M00001615B:A09
	M00001397D:G08	M00001615B:G01
	M00001434A:B10	M00001618A:F10
	M00001416A:D09	M00001632C:H07
	M00001433C:F10	M00001633D:D12
	M00001416A:H02	M00001633D:D09
	M00001428D:B10	M00001618A:F08
	M00001428B:D01	M00001633D:G09
	M00001426D:D12	M00001624A:A03
	M00001400C:D02	M00001633C:F09
	M00001427C:D01	M00001633C:H05
		M00001633C:B09
		M00001633A:E06
		M00001633C:H11
		M00001632C:B10
		M00001625D:G10
		M00001631D:G05



cDNA Ref No.:	cDNA Library Ref ES29	cDNA Library Ref ES30
ATCC Accession No.	ATCC No.	ATCC No.
		M00001629C:E07
		M00001629B:B08
		M00001626C:E04
		M00001626C:C11
		M00001632A:B10
		M00001624B:B10
		M00001633C:A05
		M00001625C:G05

Table 24. Clones Deposited on January 22, 1999

cDNA Ref No.; ATCC Accession No. Clone Names in Library	cDNA Ref ES31 ATCC No.	cDNA Ref No. ES32 ATCC No.	cDNA Ref ES33 ATCC No.
	M00003843A:E04	M00003906A:F12	M00005254D:A10
	M00003842C:G03	M00003906B:H06	M00005260B:E11
	M00003842A:A03	M00003906C:C05	M00005260A:F04
	M00003841D:A04	M00003907A:F01	M00005260A:A12
	M00003841B:E06	M00003907B:C03	M00005259B:D12
	M00003841C:H11	M00003907B:D05	M00005257D:H11
	M00003844A:A11	M00003918A:D08	M00005257D:G07
	M00003841C:F01	M00003918A:F09	M00005257D:A06
	M00003841C:H08	M00003918C:H10	M00005257C:G01
	M00003841C:D07	M00003924A:D08	M00005257A:H11
	M00003844D:A07	M00003958B:E11	M00005236B:H10
	M00003845D:G08	M00003958B:H08	M00005236B:G03
	M00003852C:B06	M00003960A:G07	M00005257C:E05
	M00003854B:A07	M00003971B:A10	M00001608C:D02
	M00003854B:D04	M00003972D:H02	M00001608C:G04
	M00003859D:C05	M00003973C:C03	M00001608D:F11
	M00003860B:F11	M00003974B:B11	M00001609C:A12
	M00003867B:G07	M00003974D:F02	M00001609C:G05
	M00003867B:G08	M00003974D:H04	M00001610C:B07
	M00003841B:E03	M00003975C:F07	M00001612D:D12
	M00003822D:B10	M00003977C:A06	M00001612D:F06
	M00003867D:A06	M00003977C:B03	M00001613A:D02
	M00003868B:G06	M00003977D:A03	M00001614A:B10
	M00003867B:D10	M00003977D:A06	M00001614C:G07
	M00003831C:G05	M00003977D:D04	M00001615C:E07
	M00003901C:B01	M00003978D:G04	M00001625C:F10
	M00003868C:C07	M00003980A:F04	M00001626D:A02
	M00003820A:A08	M00003980B:C11	M00001629A:H09
	M00003820B:D07	M00003981C:B04	M00001629D:B10
	M00003820B:D10	M00003982A:B12	M00001629D:D10
	M00003822D:C06	M00003982C:G04	M00001630C:F09
	M00003823B:F07	M00003984D:B08	M00001631A:D03
	M00003824C:D07	M00003985B:G04	M00001631A:F06
	M00003825B:B10	M00003985D:E10	M00001631A:F12
	M00003825B:B11	M00003986B:A08	M00001631B:H04
	M00003828A:D05	M00003986C:D09	M00001633A:F11
	M00003822D:D04	M00003986D:C08	M00001633A:G10
	M00003830C:A03	M00003987B:E12	M00001633B:A12
	M00003840D:H10	M00003987B:F08	M00001633B:E03
	M00003832A:A09	M00003987C:G03	M00001633C:A08
	M00003833B:B03	M00003988D:A08	M00001633C:E12
	M00003833B:C12	M00003989C:D03	M00001635B:B02
	M00003834B:G04	M00003989C:G05	M00001636A:H12
	M00003835A:A09	M00003989D:F12	M00001638A:C08
	M00003835B:H11	M00004029B:F01	M00001638B:C08
	M00003835D:G06	M00004029C:C05	M00001639D:C12
	M00003837C:E05	M00004029C:G10	M00001640A:F05
	M00003837C:F10	M00004030D:F11	M00001642D:G08

cDNA Ref No.; ATCC Accession No.	cDNA Ref ES31 ATCC No.	cDNA Ref No. ES32 ATCC No.	cDNA Ref ES33 ATCC No.
	M00003839A:D07	M00004034A:A01	M00001647D:G07
	M00003839D:E11	M00004034C:G02	M00001649A:E10
	M00003829C:H05	M00004034D:E09	M00001650D:D10
	M00003901B:C03	M00004035B:H09	M00001650D:F11
	M00003878C:F06	M00004036D:B04	M00001651C:D11
	M00003878C:G08	M00004036D:B09	M00001651C:G12
	M00003879A:A02	M00004038A:F02	M00001652B:D06
	M00003879A:B08	M00004038D:G06	M00001652D:G02
	M00003879A:C11	M00004039A:C03	M00001652D:G06
	M00003879A:D02	M00004039A:H11	M00001653A:A05
	M00003879B:G02	M00004039B:A05	M00001653D:H07
	M00003880B:D11	M00004039B:E12	M00001654A:E08
	M00003880C:E11	M00004040C:A01	M00001654B:A01
	M00003880C:H03	M00004051D:E01	M00001654C:D10
	M00003901B:F10	M00004072D:F09	M00001654C:G07
	M00003890B:C08	M00004073A:D10	M00001654C:G09
	M00003877C:A11	M00004075B:G09	M00001655C:C07
	M00003819D:B01	M00004076A:D12	M00001655D:E08
	M00003901B:G11	M00004076D:H07	M00001655D:H11
	M00001692A:G06	M00004078A:C11	M00001656A:H12
	M00003903C:C05	M00004078A:E05	M00001656C:C04
	M00003903C:E12	M00004078A:F07	M00001656D:C04
	M00003903D:C12	M00004078B:C11	M00001657C:C11
	M00003903D:D10	M00004078B:F12	M00001657D:A10
	M00003903D:H11	M00004079D:G08	M00001659D:A09
	M00003904A:C04	M00004081A:E02	M00001661D:D05
	M00003904B:C03	M00004081A:G01	M00001664B:E08
	M00003904C:A08	M00004081C:A10	M00001664B:F06
	M00003881B:F10	M00004083A:E08	M00001669B:C12
	M00003871D:G06	M00004083B:C01	M00001669C:B09
	M00003868D:D09	M00004086D:G08	M00001670A:F09
	M00003868D:D11	M00004087B:A12	M00001678C:F09
	M00003870C:A01	M00004087C:A01	M00001693A:H06
	M00003870C:A10	M00004088C:F01	M00003805D:E06
	M00003870C:E10	M00004088D:A11	M00003806C:A06
	M00003871A:A02	M00004088D:B05	M00003809B:A03
	M00003871A:B09	M00004088D:B10	M00003810A:A02
	M00003871A:C11	M00004090B:B04	M00003810B:B11
	M00003871A:G09	M00004090B:H06	M00003810C:B06
	M00003871C:E04	M00004092B:E05	M00003810D:H09
	M00003871C:F12	M00004093C:C02	M00003811C:C02
	M00003878C:D08	M00004096D:H03	M00003813B:F02
	M00003871D:E11	M00004099D:F01	M00003813C:H08
	M00003877C:G12	M00004100B:C07	M00003813D:B12
	M00003875A:A07	M00004103B:E09	M00003813D:C02
	M00003875A:B01	M00004105C:B05	M00003813D:G06
	M00003875B:F12	M00004105C:C08	M00003814B:C01
	M00003875C:A01	M00004107A:A12	M00003817C:A10
	M00003875C:A09	M00004107B:D07	M00003817C:G06
	M00003875C:G02	M00004108B:B02	M00003817D:D12

cDNA Ref No.: ATCC Accession No.	cDNA Ref ES31 ATCC No.	cDNA Ref No. ES32 ATCC No.	cDNA Ref ES33 ATCC No.
	M00003876B:C05	M00004108D:E07	M00003821A:H09
	M00003876C:D02	M00004108D:G04	M00003822B:G12
	M00003876C:F02	M00004110A:A10	M00003822C:A07
	M00003877B:H10	M00004110B:A07	M00003823C:B01
	M00003868D:B09	M00004118B:A03	M00003823C:C04
	M00003871D:A10	M00004118B:F01	M00003824A:G11
	M00001669D:D06	M00004118D:B05	M00003824B:C09
	M00001661A:B11	M00004119A:C09	M00003824C:A10
	M00001661B:F06	M00004136D:B02	M00003824D:D08
	M00001662A:C07	M00004137A:D06	M00003825B:F10
	M00001662A:G01	M00004139C:A12	M00003825D:F01
	M00001662B:F06	M00004149C:B02	M00003826C:F05
	M00001663C:F12	M00004159C:G12	M00003829A:B08
	M00001664A:F08	M00004169D:B11	M00003829C:E08
	M00001664D:F04	M00004187D:H06	M00003829D:D12
	M00001661A:E06	M00004228C:H03	M00003829D:F03
	M00001669A:B02	M00004244C:G07	M00003830D:B11
	M00001669B:B12	M00004358D:C02	M00003830D:H11
	M00001669C:C08	M00004690A:G08	M00003833D:H08
	M00001675A:G10	M00004891B:D01	M00003833D:H10
	M00001669D:C03	M00004891C:D04	M00003840A:C10
	M00001660B:E03	M00004895B:E12	M00003840B:F05
	M00001669D:F05	M00004895B:G04	M00003840C:C02
	M00001670B:G12	M00004895D:G07	M00003845C:D04
	M00001671A:A10	M00004898C:F03	M00003845D:A04
	M00001671B:G05	M00004899D:G06	M00003846B:C05
	M00001671C:C11	M00004959D:H12	M00003846C:F08
	M00001672D:E08	M00004960A:B08	M00003848B:E07
	M00001673A:G08	M00004960C:E10	M00003848D:G02
	M00001673B:B07	M00005100A:B02	M00003850C:G09
	M00001673B:F07	M00005100A:C01	M00003851A:A06
	M00001673D:D06	M00005101C:E12	M00003851B:D03
	M00001673D:F10	M00005102C:D03	M00003851B:E01
	M00001674A:G07	M00005134B:E08	M00003851C:F09
	M00001692D:B01	M00005139A:H03	M00003851D:H11
	M00001669C:D09	M00005140C:B10	M00003852B:G04
	M00001655C:E01	M00005140D:C06	M00003852C:F07
	M00001649D:A08	M00005178D:H04	M00003853B:C10
	M00001650A:C11	M00005210A:E06	M00003854C:C09
	M00001651A:H11	M00005212B:E01	M00003855A:A01
	M00001652A:A01	M00005212C:C03	M00003855A:F01
	M00001652B:G10	M00005212C:D02	M00003855B:B09
	M00001652D:E05	M00005212C:H02	M00003856A:G04
	M00001652D:E09	M00005212D:D09	M00003856B:A12
	M00001653B:C06	M00005212D:H01	M00003857A:E12
	M00001653B:G10	M00005216A:D09	M00003857A:H10
	M00001653C:D10	M00005216A:H01	M00003857C:E05
	M00001654D:A03	M00005217B:A06	M00003858B:G02
	M00001654D:E12	M00005218A:F09	M00003860D:E06
	M00001654D:F11	M00005228A:B03	M00003905C:F12

cDNA Ref No.: ATCC Accession No.	cDNA Ref ES31 ATCC No.	cDNA Ref No. ES32 ATCC No.	cDNA Ref ES33 ATCC No.
	M00001660C:B06	M00005228C:C05	M00003911A:D12
	M00001658D:G12	M00005229B:G12	M00003966B:A04
	M00001675C:A04	M00005229B:H04	M00003966C:A12
	M00001660B:D03	M00005229B:H06	M00003966C:F03
	M00001660B:A09	M00005229D:H03	M00003973D:F08
	M00001659D:C09	M00005230B:H09	M00003974D:E01
	M00001659D:B05	M00005232A:H12	M00003974D:H07
	M00001654D:F12	M00005233B:D04	M00003976B:E06
	M00001659A:D12	M00005233D:H07	M00003976B:H07
	M00001655A:B11	M00005235B:F10	M00003978A:E01
	M00001658B:A07	M00005236A:E04	M00003978A:E09
	M00001658A:G09	M00005236A:G10	M00003978C:A12
	M00001657D:A04	M00005236B:A12	M00003980C:E12
	M00001657B:B04	M00001448B:A07	M00003980C:F12
	M00001656B:E01	M00001448B:G07	M00003981A:A07
	M00001660B:E04	M00001448D:E11	M00003981B:B12
	M00001659C:F10	M00001455A:D10	M00003982A:G03
	M00003808C:A05	M00001455A:E11	M00003982B:C10
	M00001694D:C12	M00001476D:F12	M00003982B:H10
	M00003746C:E02	M00001478A:F12	M00003983A:D02
	M00003779D:E08	M00001482C:F09	M00003983A:F06
	M00003792A:B10	M00001485C:D07	M00003983A:G02
	M00003793D:A11	M00001485C:G06	M00003983D:E08
	M00003794D:G03	M00001485D:A05	M00003983D:H02
	M00003797A:C11	M00001487C:A11	M00003985A:C01
	M00003797A:D06	M00001487C:G09	M00003986C:G11
	M00003797A:G03	M00001530A:B02	M00003986D:H12
	M00003800B:F03	M00001530A:H05	M00004027A:A08
	M00003805A:F02	M00001530D:A11	M00004028A:B10
	M00003806B:C09	M00001539B:B10	M00004028A:G03
	M00001674A:G11	M00001567A:C04	M00004029B:A01
	M00003806D:D11	M00001567A:C11	M00004029B:A06
	M00001693D:E08	M00001567C:B08	M00004029B:G10
	M00003808D:D08	M00001567C:E07	M00004029C:F02
	M00003809A:C01	M00001570C:B02	M00004029C:F05
	M00003809A:F01	M00001570D:E05	M00004030B:A12
	M00003809B:B02	M00001570D:E07	M00004030B:D08
	M00003809B:E10	M00001573B:A06	M00004030C:A08
	M00003813A:B02	M00001573B:H12	M00004030C:C02
	M00003813A:D08	M00001575A:D05	M00004034C:F05
	M00003813B:E09	M00001575B:C01	M00004035B:F05
	M00003814B:C12	M00001576C:H02	M00004036A:A11
	M00003814B:F12	M00001577A:A03	M00004037C:D04
	M00003815C:C06	M00001578B:A06	M00004038A:E05
	M00003815C:D12	M00001579D:F02	M00004038B:D01
	M00003817B:C04	M00001582C:C04	M00004039C:E02
	M00003806B:G05	M00001582C:G02	M00004039D:B10
	M00001679A:D10	M00001584A:A07	M00004040A:A07
	M00001675C:C03	M00001584D:B06	M00004040A:B04
	M00001675C:D12	M00001584D:C11	M00004040A:C08

cDNA Ref No.: ATCC Accession No.	cDNA Ref ES31 ATCC No.	cDNA Ref No. ES32 ATCC No.	cDNA Ref ES33 ATCC No.
	M00001675D:E10	M00001585D:B12	M00004040B:C05
	M00001676B:B09	M00001586C:H07	M00004040B:F07
	M00001676B:E01	M00001589D:A01	M00004069A:E12
	M00001676C:A04	M00001590D:B04	M00004069C:C08
	M00001676C:E07	M00001592B:B02	M00004077A:G12
	M00001676D:A02	M00001592D:H02	M00004085B:G01
	M00001676D:B02	M00001594C:E05	M00004087A:B05
	M00001677A:G11	M00001594C:H03	M00004090D:F12
	M00001677B:A12	M00001594D:G11	M00004092C:D08
	M00001677B:B04	M00001595A:C07	M00004097C:E03
	M00001677D:B01	M00001595A:D12	M00004097C:H08
	M00001678D:B11	M00001595A:E07	M00004097D:B05
	M00001681C:A08	M00001595B:G07	
	M00003819B:G01	M00001595B:G10	
	M00001693C:E09	M00001595B:H11	
	M00001693C:C12	M00001595C:A01	
	M00001692B:E01	M00001595C:A05	
	M00001692A:B06	M00001595C:B12	
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	M00001694A:E03	M00001595D:C11	
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	M00001679D:B02	M00001607A:A01	
	M00001679A:G06		

We Claim:

1. A library of polynucleotides, the library comprising the sequence information of at least one of SEQ ID NOS:1-3544, 3546-4510, 4512-4725, 4727-4748, and 4750-5252.
- 5        2. The library of claim 1, wherein the library is provided on a nucleic acid array.
3. The library of claim 1, wherein the library is provided in a computer-readable format.
- 10       4. The library of claim 1, wherein the library comprises a differentially expressed polynucleotide comprising a sequence selected from the group consisting of SEQ ID NOS:65, 174, 203, 252, 253, 387, 419, 420, 491, 552, 560, 581, 590, 648, 693, 726, 746, 990, 1095, 1124, 1205, 1354, 1387, 1780, 1899, 1915, 1979, 2007, 2024, 2245, and 2325.
- 15       5. The library of claim 1, wherein the library comprises a polynucleotide differentially expressed in a human breast cancer cell, where the polynucleotide comprises a sequence selected from the group consisting of SEQ ID NOS:15, 36, 44, 45, 89, 146, 154, 159, 165, 174, 172, 183, 203, 261, 364, 366, 387, 419, 420, 496, 503, 510, 512, 529, 552, 560, 564, 570, 590, 606, 644, 646, 693, 707, 711, 726, 746, 754, 756, 875, 902, 921, 942, 20       990, 1095, 1104, 1122, 1131, 1142, 1170, 1184, 1205, 1286, 1289, 1354, 1387, 1435, 1535, 1751, 1764, 1777, 1795, 1860, 1869, 1882, 1890, 1915, 1933, 1934, 1979, 1980, 2007, 2023, 2040, 2059, 2223, 2245, 2300, 2325, 2409, 2462, 2486, 2488, and 2492.
- 25       6. The library of claim 1, wherein the library comprises a polynucleotide differentially expressed in a human colon cancer cell, where the polynucleotide comprises a sequence selected from the group consisting of SEQ ID NOS:33, 65, 228, 250, 252, 253, 280, 282, 355, 370, 387, 443, 460, 491, 545, 560, 581, 603, 680, 693, 703, 704, 716, 726, 746, 752, 753, 1095, 1104, 1205, 1241, 1264, 1354, 1387, 1401, 1442, 1514, 1734, 1742, 1780, 1851, 1899, 1915, 1954, 2024, 2066, 2262, and 2325.

7. The library of claim 1, wherein the library comprises a polynucleotide differentially expressed in a human lung cancer cell, where the polynucleotide comprises a sequence selected from the group consisting of SEQ ID NOS: 10, 54, 65, 171, 174, 203, 252, 253, 254, 285, 419, 420, 466, , 491, 525, 526, 552, 571, 574, 590, 693, 700, 726, 742, 746, 861, 990, 922, 1088, 1288, 1355, 1417, 1422, 1444, 1454, 1570, 1597, 1979, 2007, 2024, 2034, 2038, 2126, and 2245.

8. The library of claim 1, wherein the library comprises a polynucleotide differentially expressed in a human cancer cell, where the polynucleotide comprises a sequence selected from the group consisting of SEQ ID NOS:648 and 1899.

9. An isolated polynucleotide comprising a nucleotide sequence having at least 90% sequence identity to an identifying sequence of SEQ ID NOS:1-3544, 3546-4510, 4512-4725, 4727-4748, and 4750-5252, or a degenerate variant or fragment thereof.

15

10. The polynucleotide of claim 9, wherein the polynucleotide comprises a sequence of one of SEQ ID NOS:2503, 2504, 2550, 2555, 2578, 2656, 2667, 2712, 2723, 2728, 2738, 2734, 2754, 2758, 2760, 2832, 2835, 2842, 2843, 2849, 2893, 2933, 2956, 2971, 2981, 3009, 3018, 3019, 3046, 3084, 3190, 3129, 3173, 3226, 3227, 3274, 3290, 3356, 3365, 3377, 3381, 3390, 3391, 3404, 3407, 3408, 3409, 3418, 3419, 3451, 3597, 3600, 3618, 3632, 3635, 3646, 3648, 3657, 3665, 3669, 3670, 3671, 3656, 3680, 3686, 3695, 3696, 3700, 3710, 3736, 3762, 3763, 3774, 3775, 3791, 3804, 3806, 3836, 3895, 3905, 3919, 3920, 3927, 3936, 3951, 3974, 3998, 4036, 4038, 4044, 4056, 4072, 4117, 4119, 4152, 4153, 4154, 4172, 4175, 4159, 4175, 4205, 4216, 4223, 4228, 4238, 4241, 4243, 4251, 4253, 4261, 4263, 4278, 4288, 4322, 4330, 4343, 4359, 4363, 4364, 4365, 4373, 4375, 4384, 4385, 4406, 4409, 4431, 4434, 4441, 4442, 4444, 4455, 4469, 4473, 4477, 4482, 4489, 4495, 4496, 4498, 4525, 4535, 4536, 4540, 4560, 4616, 4562, 4586, 4605, 4629, 4653, 4654, 4658, 4659, 4660, 4661, 4664, 4665, 4668, 4684, 4682, 4688, 4689, 4710, 4718, 4733, 4724, 4733, 4746, 4755, 4760, 4710, 4777, 4785, 4792, 4794, 4801, 4807, 4821, 4822, 4847, 4850, 4854, 4856, 4866, 4885, 4900, 4901, 4905, 4914, 4925, 4929, 4931, 4943, 4944, 4959, 5111, 5020, 5041, 5046, 5059, 5083, 5090, 5094, 5102, 5125, 5174, 5197, 5208, 5217, 5237, 5239, 5241, 5243, 5248, and 5252.



11. A recombinant host cell containing the polynucleotide of claim 9.
12. An isolated polypeptide encoded by the polynucleotide of claim 9.
- 5 13. An antibody that specifically binds a polypeptide of claim 12.
14. A vector comprising the polynucleotide of claim 9.
15. A polynucleotide comprising the nucleotide sequence of an insert contained in  
10 a clone deposited as ATCC accession number xx, xx, xx, xx, xx, xx, xx, or xx.
16. A method of detecting differentially expressed genes correlated with a cancerous state of a mammalian cell, the method comprising the step of:  
detecting at least one differentially expressed gene product in a test sample derived  
15 from a cell suspected of being cancerous, where the gene product is encoded by a gene corresponding to a sequence of at least one of SEQ ID NOS:10, 15, 33, 36, 44, 45, 54, 65, 89, 146, 154, 159, 165, 171, 172, 174, 183, 203, 228, 250, 252, 253, 254, 261, 280, 282, 285, 355, 364, 366, 370, 387, 419, 420, 443, 460, 466, 491, 496, 503, 510, 512, 525, 526; 529, 545, 552, 560, 564, 570, 571, 574, 581, 590, 603, 606, 644, 646, 648, 680, 693, 700,  
20 703, 704, 707, 711, 716, 726, 742, 746, 752, 753, 754, 756, 861, 875, 902, 921, 922, 942, 990, 1088, 1095, 1104, 1122, 1131, 1142, 1170, 1184, 1205, 1286, 1288, 1289, 1354, 1355, 1387, 1417, 1435, 1444, 1454, 1535, 1570, 1597, 1734, 1742, 1751, 1764, 1777, 1780, 1795, 1860, 1869, 1882, 1890, 1899, 1915, 1933, 1934, 1954, 1979, 1980, 2007, 2023, 2024, 2034, 2040, 2059, 2126, 2223, 2245, 2262, 2300, 2325, 2409, 2486, 2462,  
25 2488, 2492, 1241, 1264, 1401, 1422, 1442, 1514, 1851, 1915, 2007, 2024, 2038, 2066, and 2245;
- wherein detection of the differentially expressed gene product is correlated with a cancerous state of the cell from which the test sample was derived.
- 30 17. The method of claim 16, wherein said detecting step is by hybridization of the test sample to a reference array, wherein the reference array comprises an identifying sequence of at least one of SEQ ID NOS: 65, 174, 203, 252, 253, 387, 419, 420, 491, 552,

560, 581, 590, 648, 693, 726, 746, 990, 1095, 1124, 1205, 1354, 1387, 1780, 1899, 1915, 1979, 2007, 2024, 2325, and 2245.

18. The method of claim 16, wherein the cell is a breast tissue derived cell, and the  
5 differentially expressed gene product is encoded by a gene corresponding to a sequence of  
at least one of SEQ ID NOS:36, 44, 45, 89, 146, 154, 159, 165, 172, 174, 183, 203, 261,  
364, 366, 387, 419, 420, 496, 503, 510, 512, 529, 552, 560, 564, 570, 590, 606, 644, 646,  
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1170, 1184, 1205, 1286, 1289, 1354, 1387, 1435, 1535, 1751, 1764, 1777, 1795, 1860,  
10 1869, 1882, 1890, 1915, 1933, 1934, 1979, 1980, 2007, 2023, 2040, 2059, 2223, 2245,  
2300, 2325, 2409, 2462, 2486, 2488, and 2492.

19. The method of claim 16, wherein the cell is a colon tissue derived cell, and the  
differentially expressed gene product is encoded by a gene corresponding to a sequence of  
15 at least one of SEQ ID NOS:33, 65, 228, 250, 252, 253, 280, 282, 355, 370, 387, 443, 460,  
491, 545, 560, 581, 603, 680, 693, 703, 704, 716, 726, 746, 752, 753, 1095, 1104, 1205,  
1241, 1264, 1354, 1387, 1401, 1442, 1514, 1734, 1742, 1780, 1851, 1899, 1915, 1954,  
2024, 2066, 2262, and 2325.

20. The method of claim 16, wherein the cell is a lung tissue derived cell, and the  
differentially expressed gene product is encoded by a gene corresponding to a sequence of  
at least one of SEQ ID NOS: 10, 54, 65, 171, 174, 203, 252, 253, 254, 285, 419, 420, 466,  
491, 525, 526, 552, 571, 574, 590, 693, 700, 726, 742, 746, 861, 922, 990, 1088, 1288,  
1355, 1417, 1422, 1444, 1454, 1570, 1597, 1979, 2007, 2024, 2034, 2038, 2126, and 2245.

25

21. The method of claim 16, wherein the differentially expressed gene product is  
encoded by a gene corresponding to a sequence of at least one of SEQ ID NOS:648 and  
1899.

## SEQUENCE LISTING

<110> Williams, Lewis T.  
Escobedo, Jaime  
Innis, Michael A.  
Garcia, Pablo Dominiguez  
Sudduth-Klinger, Julie  
Reinhard, Christoph  
Giese, Klaus  
Randazzo, Filippo  
Kennedy, Giulia C.  
Pot, David  
Kassan, Altaf  
Lamson, George  
Drmanac, Radoje  
Crkvenjakov, Radomir  
Dickson, Mark  
Drmanac, Snezana  
Labat, Ivan  
Leshkowitz, Dena  
Kita, David  
Garcia, Veronica  
Jones, William Lee  
Stache-Crain, Birjit

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aanacccatn tnnntnatngc cntnncatnn annntanatt ttencanntt ctnanaatcn	180
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gctgagatca ttacactgca ctccagcctg ggcaacagag tgagactatg tctcaaaaaa	180
aaaaaaaaaa aaaaaaaann nnnnnnttnn aaanntntng ggggnctnnt ncnnaaaanc	240
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angnntnaan ttengtncc tttgaaccn gatntntcn naaaattnc cttncctanc 180
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ccgaggcggg tggatcacga ggtcaggaga tcgagttcca tcctggctaa cacagtgaag 180
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ttnnnnnnnn acagatatcc tggttccaga tgtcttgtaa gttaacctgc ctccatttcc 240
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catagagatt	gccggtctct	cctattcagg	tgactttcgg	atgggtggnnn	nnnnnnatga	180
atcctacntg	agctatgttc	nngcccggaa	nataacgaac	ttgattggng	ctncttnncc	240
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tttcttgcag	aatcagctac	acttaattat	gttgctgata	gacaagcatc	cacgcttcag	180
ctggcactaa	gtgttttcat	tgtaggatca	gcagcagggt	aaagactgaa	cggttagtga	240
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gggtggctgt	nnnnnnnnnn	ngnttctgac	naggtgnnac	actnnnnctt	ccgtgntctn	180
tnactgnnt	cnntcngctg	cngntctgg	acntccagag	gttcnatgag	cnatcaggac	240
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cgacctccag	ttcacatgta	cgggtgctgt	gaggatccag	taggggagat	acagtgtctca	180
gcaccaagca	ggtgcaagtg	agcacaatcc	aattttacat	cagggtaccc	ctccaggaca	240
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cagatnangt	ttantaangn	gtaagtttta	atcnggaagg	ggggangngg	tgtnngnagc	180
tccagtaatn	ttnttantna	anaatacccn	tcctcttgna	ggctcccnag	tntcccagcc	240
ccatnnanaa	ngntnngnaa	gnnncagacc	atgtacagcc	n		281

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cctacacatc	ccgcatggag	atgacttaga	agcaggggat	atgcccttgg	acctgggtgc	180
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 <213> Homo sapiens

tggagggtgct	gacgccagg	aggtcagcag	tagaccagc	cccaaccac	aagtttcgct	60
ctccagactg	cgcaagcgca	aaggatacga	aaacgcccc	ggcgttctgg	gggctgggac	120
cgaggaaaagc	gctgagtata	gctcttgccg	gtccagtcac	aaatgacgtc	ccttctgtac	180



```

ccccccctgt aggcggggagc atccaatcaa cttcgagagc gtaggccccca cctatcgtgg      240
gtcgagttgc ttggcggtcg tggttccgga ggttcctcgg gatgtcgggtg gccttcgtac      300

```

```

<210> 21
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 21
gtccttttga accaccccaa agaactcaac atggcaaagc aaatggtaaa agcttcccga      60
ctgttctact ttgggtccgc gcgaagccca ctcacgtgtg atctgtgttg cccctgggag      120
gcccggggcy accggaaaag ggctctctca agttctgaaa agagaatctg ccaccagatc      180
gaatttcgac cctgagcctt gttcggacgt atgggtccaaa ttcagattaa ggtggtcacc      240
caacccgaga tgtcaggaaa ggccttctgc agagaaaatg tccccccacc cgccatctgc      300

```

```

<210> 22
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 22
ctgcacctca agaacgctag accactcgcc accagccttc tcattccctc ttccctccatt      60
ctaatacatt ctagctgggt ggccctcctca gagcatagga aaactgaggt caggaattcg      120
agaccagcct ggccaacatg gtaaaacccc atctctacta aaaatataaa aattagccag      180
gcatggtggc gcacacctgt aatcccagct aatcaagagg ctgaggcagg agaattgctt      240
aaatctggga ggcggaagtt gcagtgcgcc aagatcgccg cactgaactc cagcctaggc      300

```

```

<210> 23
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 23
aagttcaagc aatgattaat ctagcttccc tcttggtgga tgactgaggc ctttgcttga      60
ggacaacttt aaagagatat tgaatgaagc tatgatacct gtagcagtta ctgccatttt      120
ggaccataaa actgacaatc cttaaacatt accaggaggg cagagcggaa agaacattga      180
tgtcatcact gagttgctgg attaccttac tctagaaata gccaaactctg catgtttggt      240
tattttttta aaaagtcttc tttattatth acatcatttt gaatgggctc taactctagc      300

```

```

<210> 24
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (300)
<223> n = A,T,C or G

```

```

<400> 24
agtcaatcca aatgatttca gagacctgac tttgctgttt gaccactctc agcttttttg      60
tatcagactc ccttcaactg ctccccaaaa ctccagggcc atgtttcttg aacagtggaa      120
agcagggaaa tagaaatggg gcctcaggaa ttagaaataa ggctttggca ttcaaagtgc      180
gcacctagca tgctgtgact agcgataagt gtgcaaggag tgttgaagca gtaggaagac      240
ttgtggtgag gcggggcagg ggaatnnnnn nnnnnnnnnn ncagagacca nnggcctttc      300

```

<210> 25  
 <211> 281  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(281)  
 <223> n = A,T,C or G

<400> 25  
 tgttctctgtg ccagaaagaa agttaaataa cttgcttaag aaagggaggg ggggtgggagg 60  
 ggtgtaggga gaggaaggg agggnnnnnn nnnnnnggcn tacnttttcc tacatttcan 120  
 tntccctttt ncctatctaa gcngtncat ctngtcaatn cacttntcnn tnnnttaach 180  
 ccnttcennn ncanttttcc cttnttctn cctntatact nttgctntga nntgctgncc 240  
 anantgttt cccttctcc atctnnccat accccttact t 281

<210> 26  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 26  
 cgaggcagtt agctagtgt ctgtgaaata aaataactaat gattgaactt tctaggaagt 60  
 acctattctg ctaatagtgt aaatatacac ttatccaggg tcagaaatac tcaagtgttac 120  
 ccacttaaaa gatctagaaa atacatgaac ttgggcttac ttgccagtta aaattgttta 180  
 tctcagaatt gtaccatcac cttaattaaa gtagatatgc taggattatc ctgataacta 240  
 attaacatag cctttccct tagtgttctt cacctgaatg tagtagtgga ctcttcaagt 300

<210> 27  
 <211> 277  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(277)  
 <223> n = A,T,C or G

<400> 27  
 gtgctgcaga caacacacct tctgatgga ggtgtccggc tgatggagaa gtctgtgggc 60  
 ttgtaaatca tctttgatgt taaccaggcc gacgctgtgg ccacattccg aaagattaac 120  
 cctgtcaaac cctannnnnn nnnnnnnnnn nnnnggatttg atnagcctgt nccanacctc 180  
 tgcagcctcn ancggtngt nttaccatagt ggggatgacc ctctgatact ttgnccctgg 240  
 ngancatgnt gacanntgct tctacagctt nngggac 277

<210> 28  
 <211> 293  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(293)  
 <223> n = A,T,C or G

&lt;400&gt; 28

tggcatcanc	nagccgtgca	gtccgctntt	cactgttnna	nggcctccna	gtgnntcana	60
gcattggacc	catctntanc	aaaagtngag	gccaaaaagn	tnagtgactt	gacaagtgnc	120
agagtaaccg	tgtagacaga	gcagtgtana	cagaaatcaa	ncntcagtcc	cangngtana	180
cctgatcntg	gngatcactg	ccctgagtg	cttgccagca	cagccagngc	catcagtaat	240
ttgnangacn	tancacnnnc	nnnnttaagt	taaaaaaccc	ccattnnnna	agg	293

&lt;210&gt; 29

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 29

ggctaacttg	ccttggtttta	ctattgatgt	ttgtgtcctg	tgtccttaac	actttaagca	60
gcgtgttctc	acctaaaggc	taatagtttt	aagtaagttt	ctttttcttt	ttttaattta	120
aaaattaaaa	aatttttaat	taactttttt	taaattaaaa	aaaattatta	attattttta	180
atagacagga	tcttgctatg	ctgtccaggc	tggctctgaa	ctcctgggct	caagtgatcc	240
tcttgcttg	gcctcccaaa	gtgctgggtat	tacaggtgtg	agtcactgca	cctggccaag	300

&lt;210&gt; 30

&lt;211&gt; 281

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(281)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 30

ttaaaggatt	taaggannna	nanntncttn	tggtttgccc	nttcnaccnn	tncctggggga	60
aanganncnc	nannaggtna	ttctnnttcc	ctnangccna	nanggnacn	tggnttgnc	120
ttaaactttt	gnnttanatn	gggtanntgn	ntttttnaaa	antnggtgcc	ntnaangann	180
ntttgagctt	tgcagtagat	tatgctgcat	cctcgtggca	aaattctgta	ttcttagtga	240
ttgttacaaa	cccctttatt	gctgtctgag	aaaggaaaga	t		281

&lt;210&gt; 31

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 31

gtcaagggt	gcatgaagt	cgagggccga	agagtctgtg	tggactcagt	gggacatggg	60
cgtggaagag	cagggaggtc	tgaatgggaa	gtaaagacac	agatgcgggt	atgcacacag	120
ttctttgaag	atgctcggcc	gaggagacaa	gagtaatcag	gtcaggggca	aaaaggggta	180
ctcgctgag	gaagtaaaca	ttggatgtcc	acagctcaga	gttagttcaa	ggtcacattc	240
aaattagata	ccccgatttc	ccccggcctg	ctgtctaaat	gccaaatcaa	gtcatggcct	300

&lt;210&gt; 32

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 32

gagcagaac	gcaagatatt	tccctttgct	ggctaaacag	aagcctgggc	accagaatg	60
tgatatectg	accaatgttt	ttgcaattct	ctcagcgaag	aatctttctg	atgccacagc	120

```

cagtattgta atggacatag ttgatgacct tcttaacctt ccagatttcg agcctacaga      180
aacagttttg aacttgctgg taactggatg tgtataccct ggcatagcag aaaacatcgg      240
tgagtctatc acaataggag gaagattaat tctacctcat gtacctgcaa ttcttcagta      300

```

```

<210> 33
<211> 286
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(286)
<223> n = A,T,C or G

```

```

<400> 33
gtccagggcc cangtttttaa tttnttttta aaaagcttta ggtcttgccg ggacggtggt      60
tcacncnnnn nnnnnnnnnn nnnnnnnnagg cctaggcggg tggatcacaa ggtcagcagt      120
tcaagaccag cctgaccagc atgggtgagac cctgtctcta ctggaaatac aaaaaaattg      180
gctgggcgag gtggcaggca cctgtggtcc cagctacctg ggaggctgag gcgggagagt      240
ctcttgaaac tggaaggcag aggttgcggt gagccgagat tgcgcc                      286

```

```

<210> 34
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 34
gtaggttgaa agcctgggtca gctattctgc aagacagtca aaaattgttt acagggctgg      60
acagcatatt gctattgaaa aatagctatt aggagacctt gcacaatttg tgaaacattg      120
ttaggtcat tgtactgtgt aaaatcagga aagaatttgg gaacatactg atacaacaaa      180
aagatagggt gtcaaaccct cacttcacca gaaagctaaa ttaaccagat aagtctttct      240
gaannnnnnn nnnnnnnnnt ttgntcctgc gctgtacnna naccttanana tgggtaattc      300

```

```

<210> 35
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 35
attgaggaag atctaggtaa aacctttaag ttaaccttct aagtctcaga cacgtaaacc      60
caagtgtggc aaaggaactc attgctctcg aaatgcata atgttggttt atagactgca      120
aactcaagaa aagcccaaca ctactgttca agttccagcc tttcttcaag agctgggata      180
tcgggataat tccaaatttg aggagtgggt tattgaaatg gctgagatgc nnnnnnnnnn      240
nnnnnnnaaa ggaaaagctn ancacgaaga ggntaaggag ctgtaccaa gggtacctgc      300

```

```

<210> 36

```

<211> 294  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (294)  
 <223> n = A,T,C or G

<400> 36  
 gcttggtcac ccccgaggag agcaggaagc tgcggttctg gaacctggag tttgagagcc 60  
 agtcttttct gtatagacag gtacggagga tgacggctgt gctgggtggc gtggggctgg 120  
 gggctttggc acctgcccag gtgaagacga ttctggannn nnnnnnnccc ctggncaaagc 180  
 acnacacaca tgtngcccca ncccacggct tantcctcan ntcacgcgct gtacnggaac 240  
 ctctncnctg cctnctgcac cctgcaggnt nnaaactacn gcaccactg ataa 294

<210> 37  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 37  
 gtgaatgctg tgccctgtggc cccacctgtg tgtgatgtcg ccagaacca gccgactcct 60  
 tcagagaaag ctgcaggagt cctggagggg gcccttgggc cacatgttgt cactaacctt 120  
 tatctctatc caatcaaata ctgtgctgca tttgaggtga ccaggtggcc tgtatgaaac 180  
 caagggctgc tatatgaccg gagctggatg gttgtgaatc acaatgggtg ttgcctgagt 240  
 cagaagcagg aaccccggtc ctgcctgac cagcccttca tcgacttgcg gcaaaggatc 300

<210> 38  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 38  
 tcttgttcaa cattatatcc ttagggatta gtacataggc ttgcaaatag caggtatgaa 60  
 taaaaaatta ttgaatgagt aaatgaattt aaaatataag ttacttaggc ggtatcttca 120  
 ggcatactctg tgtttatgtg gtattcaatg gccacaaaat gtctacatcc taattcctaa 180  
 gatctgtaaa cattaatttg catgacaaaa gagactttac agatgtgatt aaatgaaagg 240  
 attttgacat gcagataata tctctgtattc ttcatgtgga accaatgtat ttacaagggt 300

<210> 39  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 39  
 cttctgcccc cggcacttgc catgttccag tggggggcag atcctcagga cttcacgggt 60  
 atggttgcca gctgtgttcc tggcccttgg acacacagtg tggcatcctc atgtttgcac 120  
 actttcccca ggctccagtg gcctggatgt caatgtttac aaaggggcaa ggacctctca 180  
 tggacactgg cctctagccc tctgtttttg tttgatgaat tctgttataa cctatggggg 240  
 caggatatga gtccctgggca ttatttatcc aggacccatc ctcttgggtg ggttttgggt 300

<210> 40  
 <211> 285  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(285)  
 <223> n = A,T,C or G

<400> 40  
 aatttcnctt tcnnagnttn cgnncgggnc taaangntttt tngggcnaaa gnceccntnn 60  
 ggngnctant ttgtgatnnc gngngaaaaa atttttctca ttctgaggtc cacatggcac 120  
 cttctggggc agcagctgtg gccggtgtat caagggcgcc cttaaagctg gaacattcca 180  
 gcaagcttct tgcgcttctc tgcacccggc aggccactt tcttggcacc ctcgacttta 240  
 tataaaagtt gcactgcgtt tcaaaaaccc acccctgaag aataa 285

<210> 41  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 41  
 gtttcattta agaagaatga gctagataaa tgtgctcttc tgggttaccac accctgacag 60  
 agtgcathtt tacacggcta gcaggggttg agactgcagc ctggcctgcc agccattgga 120  
 ggtgtttaag gaagggcaga taatgtgact ctttgcgggg tgcacatctgc ttacccatta 180  
 gcgagcagag ggggtttctg cgggtgaccc ccagcatatt tctagggttac ttatgggcag 240  
 atttgtaagt gacaaaactc cagctgatgc tgggaatggg gagagggccc ttgagggtact 300

<210> 42  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 42  
 cgtctgtaat ccagctgct tgggaggctg aggcaggaga atcacttgaa ccctggagggt 60  
 ggcggttgca gtgagcacag atcatgccac tgcactccag cctggggcaac aaaacgagac 120  
 ttcgtctcaa aaaaaaaaaa nnnnnnnnnn nnatccttg gncgggttct cccaaattnt 180  
 tttgaggggn ccatggncaa cngcttnagc tttgttttgg caaccccntg ccnaagnnc 240  
 catataggct gtncttnacc ttgtttccaa ggctgaggan canaaagtan cctntgtttt 300

<210> 43  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 43  
 ccatagcctg ttgagtgttc ccagatgtga ctcacctttc tgctgccctc ttcattgcagg 60  
 cctactgact cataattcac ttgtcccaaa agccacccca caagcctgag ccaacctgct 120  
 gcctgacgcc acagtcatgt gcagaggtct gggcattatt aatctataaa aatccatgct 180  
 ttacacctgg acagtacaca gggacttcag agattgcagc ttggaataca ttctcccaag 240  
 actgaggttg ttcgggtttta attcctgtag tccaatcaca caattttctta tggaaaacct 300

<210> 44  
 <211> 300  
 <212> DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 44

caaaagataa	tgtgaaactg	ttggtggact	ctctgggtgag	gggtgggcag	aacttgctgc	60
tactagagtt	cttgggttct	ccatgatgtt	caccctgggg	ctggccact	gtgtcctgaa	120
tgtttttggt	atTTTTtggt	ttatttttta	aacaaactgc	tgtttttata	tacctggaat	180
ctgttggttg	cttcagagcc	agtggttaaa	gagcagggtc	ccaaggattg	ggagatctag	240
tgtctgctct	cctgccctgc	aactcaattg	ggcctttttc	ggtgacctca	tccaaggcca	300

&lt;210&gt; 45

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 45

cttgatggca	gtagaaagac	ctcatttttca	taacataact	actcttgata	ctttcttttaa	60
aaacactttt	tattaaagat	tctatcatga	ggtatttggc	tgggagctgg	gaggctaaag	120
cgctcatgtc	ctggtctctc	agtgaattta	actgtgtgac	cttgggcaag	tcacttaacc	180
tctctgtgct	tcagtctccc	tgtcttgtaa	aatgggagta	atacctacct	cacagggttg	240
ttgtggggat	taattagaga	taatgtctgt	aaagcattta	aggttcttga	agaaggcact	300

&lt;210&gt; 46

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 46

ggccggttat	tctctcttta	cagatagcta	tagacatcat	tttaggaagt	gttgcaagtct	60
ggcatttgtg	ctattgttca	ttctctgtga	aggctgttca	tagttgctat	agcctgtgtt	120
tagtttgtg	atttcatcaa	tcccatcttt	ctgtgtgagt	aatgcattct	aaacatccta	180
cccacttta	gaaacggacg	tggggaacgc	ttggtcattt	aagccaacaa	taaatttagg	240
tgaatgtccc	taagtgttta	ctgtttttat	ccagtcaagg	atttgctttt	ccttgaacat	300

&lt;210&gt; 47

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 47

gttatattaa	attattcttt	gtttttcttt	ttcttttaat	aaagcctgca	agttactaaa	60
ttgtagtttc	ataaattctg	tagtaaagta	tcactctggc	agtgtgccaa	aggtgaaaaat	120
gatgctttct	ctaacagaga	aattcttagt	gactccagtc	gtagaaaaac	gtcttttacia	180
cctgaataag	attgaagaat	tgtgaacata	ccatggccta	ttggatgaat	catttgccgt	240
aggctaaatc	agactgtagg	gtttgcgatg	gatttatgga	gtatgtgggt	atagaaatca	300

&lt;210&gt; 48

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 48

gatgtcacta	gacaactggc	agtttaatgc	tcacaccctc	gaactagaag	aggttccaca	60
ggatccctgg	ccaatgccag	ggatcttttag	gtcagcagtc	atgtcaagat	gctctgattc	120
tccacaaacc	cagcttcttt	cccaaactgc	agggaggtcg	gtctgcagtg	acttacctag	180
tattttgttg	tatccctggc	tcacagtgtc	tccccggtct	aggatcttcg	aatcgaaatc	240
ccatgaagca	catattgcag	tgctctctga	ctctcaccct	tgaaatagag	ctgggtgggat	300

<210> 49  
 <211> 297  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (297)  
 <223> n = A,T,C or G

<400> 49  
 ctgtttcnnt cctaattgat agtttagctga tttctgttgt ttttctctga naaccaatgt 60  
 tgcaatgtgt ctttagtctg gatagctatt gttaaactgc ctacaaagtg agcagatcta 120  
 ttaatatcag tttaacttg ggcctttggg gtttgagagg acctttttct ctgcaaccat 180  
 ctgtgggctg atttttgcat tttacttggtg ataacaaggg agggtaactg ccccttttcc 240  
 atcatcccc aaaaggga aaatgagcac tagcataaaa gttcttttga gaaatat 297

<210> 50  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 50  
 ttccttgagg actctaagtc agatagtcca gagccaggcc ctttgggatg tgacaccgag 60  
 ataaatcaga gaaaagctgt gaagcttggg gaacagaggg acttttggtg aagtaggtgg 120  
 tctgcagttt ctatcttctt gggaaaagca agctggaaaa gtgaacagtg gttggtaggc 180  
 catagtgttc ccagctgggt gacataatga ccacacagca cagtgatgtt attagcaact 240  
 gtgtggtgga gtagtgtgtg gctggacaaa tcaatcgtgg gaaattgtta ggagttttat 300

<210> 51  
 <211> 288  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (288)  
 <223> n = A,T,C or G

<400> 51  
 agttctntta acaggatnnn atcgattcna attnggcntn angnntggcc nccctggggg 60  
 ncnaccaga agntcggana aaggcccaag gngnangcca cgcccagcag tggtnattgc 120  
 cccccaactcc ttttttgagt ctatnagcat tgnttggttt tagctgtcat cagaagctgt 180  
 gagggaccca cagatttttg aaacgacctg gacacactat tgggaaggag atgtggacgg 240  
 cctgtctcct cctgcagggc ccaccctaag aatgtatttt taaacaca 288

<210> 52  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 52  
 agaaaggata atggagtttc tgtacaagat ttaccagaaa gagagtgggtg tgtagacatg 60  
 cctggagcag acaccttgga gccgctgaca gaaggtgaag cagtccaaga aaatgtggaa 120  
 acttttccgc tgctctacac agtcacaaaa cctgtccatt ttatttcgtt gaagctttgt 180  
 ctgagagata accaaataga cagtcaaagt aagttatctc agccacatat ggggagtgga 240



tgctgctgaa ttgtgattaa ttggggggagc catataggta catttgccat gatctgggcc 300

<210> 53  
 <211> 298  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (298)  
 <223> n = A,T,C or G

<400> 53  
 gctactctta cgcactcacg ttcattaact gcgttctgat ggcagaaggt agacagcaac 60  
 tggacaaggg tgaatttacg gagaagtacg tggccccgcg gacaaggctg gcatccaagt 120  
 tcatcacact ctaccgggcg atacgggagc atggcttcta cgtcactgac tgtccccagc 180  
 agcaggcaca accccctgag ggcggcggtt tgtgctgaga gctatgtaag cgcagcctnn 240  
 nnnnnnnnnn nnnnnnnngt tgntacctt natcataact atggatatct aaatgcat 298

<210> 54  
 <211> 268  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (268)  
 <223> n = A,T,C or G

<400> 54  
 agtccctgag aggtggtggg aatggctgct tcattcctcg aggatgcccg ggccccacct 60  
 gggcttgctt ttctgttttag agggaaagtgt aacntatctg ccatgaggaa cataaattca 120  
 tgtaangcca ttttctctta tncannncnt ntctttctan gtacantent tntctaggat 180  
 ttgngaagct ncttgcnett gnaacaggnc tcangtnngn gnancnnttt ngnnnttnc 240  
 ncnntctntg ntgntttttt cntntntnt 268

<210> 55  
 <211> 278  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (278)  
 <223> n = A,T,C or G

<400> 55  
 aatgtgaaat ccacattggt tccacaggca ccatcagtaa tgtcgaacaa atggagaaag 60  
 ttgcagggtg ggctaggaaa gctgtattcc tgtggattac tctagctggt catttgcccc 120  
 gattgtgaac tgcttgaaaag aaaaacgaaa cttctaagat gtttgcctt tcatgtcctt 180  
 tctgttgga tttcttattt ggngcncttn nctgnntanc nttnnnctnn ttnattnggg 240  
 nntcctntna nctnttgtnn ncatcgnnta agttagtt 278

<210> 56  
 <211> 254  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(254)

<223> n = A,T,C or G

<400> 56

ggaaattggc	ctataaccagg	agagcggatc	ccagacgtgg	ctgcattgtc	catgggcttc	60
tctgtgaaag	aagacctttc	ttggccagga	ctcgcagtgg	gtaacctgtt	tcacgtcct	120
cgggctaccg	tcatgggtgat	ggtgaaggga	gnnnnnnnnn	nnntntacn	cncaggcntt	180
nnntnttnat	nnccnnngtc	nccttnenan	tnnatnttna	ntncnnntt	ngnagntatc	240
tngtcgtntt	cctt					254

<210> 57

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 57

gagacatcat	gtcaacagaa	atggagatgt	gcactgggga	aactgccggc	cgggccgctg	60
gcccgtggac	gcctgggagg	tggccaagge	cttcatgccc	cgaggactag	cagacaaaca	120
aggacctgag	gaatgtgatg	cagttgctct	tttaagtctc	atcaacttct	nnnnnnnctn	180
tgngcnnat	gtntacantg	ccaccaacgt	gnttntgtgn	actcgencan	tcattggacta	240
tctctatgat	natgannntt	ctaggancnt	ngnggataat	actacnttnn	antccttctg	300

<210> 58

<211> 300

<212> DNA

<213> Homo sapiens

<400> 58

acaagggtgct	ggcagtgaag	tgggggcaga	ctgagcctgt	gtagtgaagt	gtcttgagga	60
acgtcagctg	tatcttttag	gaaacaaaaa	ctgcatagac	attgaacca	ggcagaaggt	120
catgaagtca	gagctaagaa	atgctagtgg	ggataggggg	tgagatagag	ttgggaaatg	180
tttcagagct	acaggtgaca	gttggttggtg	tccagttgga	tatgtaccat	gaagggaaga	240
agcagtcaga	gtgggcacca	agctttctag	cctggaggac	tgaatggttc	tgtgcacatt	300

<210> 59

<211> 300

<212> DNA

<213> Homo sapiens

<400> 59

ctctcaaata	gaaatgggag	ataagaaata	tatctgtgca	atattaaatt	gaaaaaaaaa	60
acccataaaa	agtgtcaaag	gcaaataatt	tgctctagat	cacaaaacta	gtagcacaa	120
ggctaggatt	ataaccaggg	tctaggaaaa	aatcctgaag	gtgatttaac	tgagtgttag	180
gccctgtcaa	gccacctgct	aaggctcatg	gtctttcaga	ctagcttcaa	cattccaaat	240
caggcaatag	ctacaacgga	aagataattg	gacggggaat	cctgagatca	gagtcctagt	300

<210> 60

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 60  
 aacgtgctgt acaccagcct gcccgtgctc ctcatggggc tgctcgacca ggtaggagcc 60  
 tcgcacaagc agggacactt ctggacagat gagaatgcgt tagagaagtc ccaagcaaac 120  
 gtttcaatgc attcttctgg tgtttacttc tttctgatca aacctatta taattctgtt 180  
 gtcaggcatc aagggtcatt gctgtgcttc ttgttttgta ataaggaaag aggatttctc 240  
 tgtagtccca gctactcggg aggctgatgc aggagtatga cttgagccca ggtgttcaag 300

<210> 61  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 61  
 ctgttcttaa ccttttcaac tgggggggtct caagtgggtg aggactccat ggccacggca 60  
 gcagaactgt ctcttctgaa aaccagactc cggggcccct gggtcagcac ctctaggtca 120  
 ttccacagac ttacacagtt taaagaaaga gccagcgaac atgggggtgat cctgggggtgc 180  
 cactggggtc ccaagccagg cccggagggtc tgctgttttc gtccccagaa acttgagctg 240  
 gcatectccg ttggtttgca ctgggcacgg ggactggaga gccaccaggc cactgagcgc 300

<210> 62  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 62  
 cctgcttcca ggtctccctg tcccccttgc ctgccttctt ccctgctctg tccccctaagc 60  
 tccctccagg cagggaaaag aggccagggt ctaaaaatga gcctttctca agcacgtgag 120  
 cagcggaagg cagacaggcg ccagagccca gcactccctt ttccagcagc tgtgggtggg 180  
 gaggggtccc ctccagtttg tcaagagttg aaggaggctc tgtggccagg tgacctggct 240  
 gccttccact ccttgtagct cagtctaaac atggagtggc cgctgacaag gcgctccagc 300

<210> 63  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 63  
 cccactcgg ggtatgtgaa tgcccagctg gagaaggaag tgcccatctt cacaaagcag 60  
 cgcattgact tcaccccttc cgagcgcatt accagtcttg tcgtctccag caatcagctg 120  
 tgcattgacc tgggcaagga tacactgctc cgcattgact tgggcaaggc aaatgagccc 180  
 aaccacgtgg agctgggacg taaggatgac gcaaaagtgc acaagatgtt ccttgaccat 240  
 actggctctc acctgctgat tgcttgagca gnacggangt ctttacgtga acccacttga 300

<210> 64  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

```

<400> 64
gagtttttttg tgatattgag gcattcatac agagctgcag ttagacggggg ttacggggggc      60
taaaagcaga aaaaaaattc catttcacgc ggatggaact gaaggatttt attctataaa      120
gcggccctgg ttgaatctgg caattctttt tgccaagatc cctagcagaa gatttagcca      180
tgtccttccc ctcacttggt tgagtggccc cttctgaatc tctccagcag ccagaggcac      240
cgtgagaagc agaaagagct ggtaaataaa gccttgggca agcgacttct tagatcagaa      300

```

```

<210> 65
<211> 299
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(299)
<223> n = A,T,C or G

```

```

<400> 65
cacctgacct tggcctgcac ccccggcagc tccccacac ttttgcgctg gttccacgac      60
tgcttgggct tttgccactt gccgctgagc ccagggtgaag atcccgagct gggccttgaa      120
atgacagcag ggtttgggct tgggggaatg agaggttaca gcnnnnnnnn nggccatgan      180
gggcananat tgnatccac atatttgann ngngcngaga ncccttttng gggggngtaa      240
angtacaacn angaagcnct nttaggacta aggtttaana aagntgcttt ttacccatt      299

```

```

<210> 66
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 66
atttgtacca actgtaccat ctgcttgcca ctgctccaaa cttttacca cttgcttttg      60
gtaaagaggt cacctgcgta tttaaaatat ccttttgtaa tgtattggga aggtgcgaga      120
acatatgaaa atggttggtca atggagatgg aaggggcttt attctcactt aagagagccc      180
tgggaggaat aaggtttttat ctggatcagg tatccaattg cattggataa acgtggcctg      240
aggcaggata aaatttaaaa acacaataat aagcctcctg gtgacatctc tgttcctttt      300

```

```

<210> 67
<211> 297
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(297)
<223> n = A,T,C or G

```

```

<400> 67
tgtatcgggt cctgttccag ccggcatcgc cgggtggctt ccaggcctca gagctgtgtg      60
gcaggggccc ctgctggggc tggacatcac tgcagtccag tgcaaagccg nnnnnnnnac      120
ccaggtgtnc cccccaacta aacnaaactg gnggcttgga agcccnnn natgggaang      180
tncaaaaaaa ggtcttgnt ttctctcta atgcctttct taactcctga antcgtttgc      240
tcctaaatct tggtaattct ttttctctgg attttggttt cttttggctt tcccttg      297

```

```

<210> 68
<211> 300
<212> DNA

```

<213> Homo sapiens

<400> 68

ccccactcgg	ggtatgtgaa	tgcccagctg	gagaaggaag	tgcccatctt	cacaaagcag	60
cgcattgact	tcaccccttc	cgagcgcat	accagtcttg	tcgtctccag	caatcagctg	120
tgcatgagcc	tgggcaagga	tacactgctc	cgcattgact	tgggcaaggc	aatgagccc	180
aaccacgtgg	agctgggacg	taaggatgac	gcaaaagtgc	acaagatgtt	ccttgaccat	240
actggctctc	acctgctgat	tgccctgagc	agcacggagg	tcctctacgt	gaaccactt	300

<210> 69

<211> 300

<212> DNA

<213> Homo sapiens

<400> 69

ccccactcgg	ggtatgtgaa	tgcccagctg	gagaaggaag	tgcccatctt	cacaaagcag	60
cgcattgact	tcaccccttc	cgagcgcat	accagtcttg	tcgtctccag	caatcagctg	120
tgcatgagcc	tgggcaagga	tacactgctc	cgcattgact	tgggcaaggc	aatgagccc	180
aaccacgtgg	agctgggacg	taaggatgac	gcacaagtgc	acaagatgtt	ccttgaccat	240
actggctctc	acctgctgat	tgccctgagc	agcacggagg	tcctctacgt	gaaccactt	300

<210> 70

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 70

gtttgtttcc	ccgagatgtg	aacttgctga	aggaaaacag	tgtaaagagg	aaggccatac	60
agagaactgt	cagctcttca	ggatgtgaag	gcaagaggaa	tgaagacaag	gaagcagtga	120
gcatgttggt	taactgccct	gcctactaca	gtgtgtctgc	tccaaggct	gagctactga	180
acaaaatcaa	agagatgcca	nnnnnnnnnn	nntgaggaag	aggaacaggc	anatgtcaat	240
gaaaagaagg	ctgatctcat	tggaagtctc	accacaagc	tggagaccct	ccaggaggcg	300

<210> 71

<211> 300

<212> DNA

<213> Homo sapiens

<400> 71

tcaggccgct	gggtgacggt	gtgctggcca	gatagtctct	ggggctgcag	gtggcttctt	60
tcgccccatc	cctccccatc	cctttcatc	ttcctgtcaa	cacatctcag	accctggaca	120
ccgaatgagc	cgtcggtacc	cacaccccag	ggcaattcag	tggaggggta	ggtggctcgt	180
tccccacgt	tgccccagga	agaggaccct	gtccccggca	tcctgaccca	cctcccttag	240
agaccgagag	cctctaagga	taaaccatt	caccgtgtt	tcagaggcct	ttttttcctc	300

<210> 72

<211> 300

<212> DNA

<213> Homo sapiens

<400> 72

gttcaggggtt	gggtgggtctg	tggaccttga	gctagttttt	aatcaacatg	gaaactccag	60
tgatctattt	aaaaacttgc	attgggtcat	gccaggttta	ttggagggtta	tacctccaa	120
tgtatttcca	actcaggggtt	aaagccaagg	tccttatggt	ggaagatggg	gcatataaac	180
tggcattctg	gcgctcacac	actccaatat	ctactactct	cccctcttgc	tcgctcagct	240
gtggcttgc	tattcagctt	tttgcctctc	ctggaatata	tcaaacatat	gtaggcccag	300

<210> 73  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 73						
ctttgaagag	aggaggggga	ctttagagag	ggatgaaaat	gagccctggg	agggaggaag	60
ggacgaggag	gggtgggtgc	atgttaccgt	cccctacctc	tccccacgtg	gaggggtggag	120
cagttatgag	ggaggaagtc	aactgctgtt	cagcctcaga	ataaagggtgc	cgttcactgg	180
ctcagttacc	tcctgtgtac	cggcattctt	tggtgggaat	gttccccct	ccctaggggac	240
caaggaccac	ccctacaaaa	agagtaaatg	ttgggtgata	ctccctcaag	ccaaagagga	300

<210> 74  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 74						
gggattaaca	atgctgaagg	actcttagta	gtagtgactg	tcactctgtg	ccctctaact	60
ttcctgagcc	tcacacacaa	cctgtgggca	ggatggagta	gatcatgttg	ctgactgctg	120
ccgtaggcaa	gtaaatggag	ccagaaagtc	ccactgttga	cagggtgcca	cagctgacca	180
gggactgtca	ttctctccac	ccacaggctg	tggaggggtga	ccacagcatg	tgcccacctc	240
caccaatccg	caacgagcag	ccggnactgg	tgctgnggca	gaggntgccc	tcattgcccc	300

<210> 75  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 75						
tgggggctct	gaagttttcac	caggtggacg	ctggggagcg	ggctcccag	cacttgtcta	60
cctcccgcc	gtcctgacaa	cttttctggc	caacctaccc	agcttcgctt	ggctggcgag	120
cgcatctgct	gctgggggttc	gcggtgcaga	tggagacgca	tggttgcca	gaggggtgatg	180
gagaagacgg	gaaaagcgac	agccacgctc	ctggctgaag	ccgcaggacg	caaataaactt	240
actttgtacc	tgacagtttc	tcacgttggt	gtggaggccc	tgtttctctg	aaataaactc	300

<210> 76  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 76						
gcagggcagg	gctaaagtgt	gaaatggaaa	tgaaggagca	ggtagccatg	cagccttgtg	60
ctttccagca	acaggggtga	cacttggtcc	caagaggacg	cagctgaaag	accctctggc	120
agggagaacg	tgtgaggact	ctgtgggtga	ttctgagttg	tgctctctg	gcttaatctc	180

atctgattct agcagtaact ccaagaggta agcacatttg tgagtccctgt tttccaatgg 240  
 aaaagctaca tgaggccac caggtcccag aactcaacaa tgggtggggct ggggttcaaa 300

<210> 77  
 <211> 296  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (296)  
 <223> n = A,T,C or G

<400> 77  
 aaaggaccta agtgtgaaat accccgaaga cgtcccccac acccttccaa acctgttgag 60  
 gtccattttg catcactcag accctgcttc cagccccac aatgtggcta actctcctac 120  
 caaggagtgt cttcagagcg aggcagtctt acagcggggg cacatctccc acttgagagag 180  
 agagatccag aaactgagag cagaaataag cagcctccag cgagcacaag tgcaggtgga 240  
 gtcccagntc tccagtgcc gcntanntgn ntacnttgnt ngtngtngnt gatatt 296

<210> 78  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 78  
 tgaaaaaaat cacagctcct gcagcaagtc tatgcctggg taacaaccaa cccacaaaat 60  
 ccaagaggag gtccccctct cccgcctctg tgaggcttga ggagcagtat gtatctgggc 120  
 cagcctgggc ctcagagtgt ggaattaaca cctttcctct agcaactgtt tgtgctgctg 180  
 agaacagcac agactctctg gcagcctggg tctctccaga gggaagcctg tgaagcagaa 240  
 gaaacatatg gcatctgcac tcagggcgcc cagttccatc cggccttgct ataaaatgac 300

<210> 79  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (300)  
 <223> n = A,T,C or G

<400> 79  
 caaaaagctg ctgctgggca gcccagctc gctgagcccc ttctctaagc gcatcaagct 60  
 cgagaaggag ttcgacctgc ccccgccgc gatgcccaac acggagaacg tgtactcgca 120  
 gtggctcgcc ggctacgagg cctccaggca gctcaaagan cccttcctta gcttcggaga 180  
 ctccagacaa tcgccttttg cctcctcgtc ggagcacgcc ccatattagt ggtccgggcc 240  
 cgggcaggcc cagctcaaaa gagggcagac gcagcgacac ttgttcttac acaccccat 300

<210> 80  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 80  
 ctcccagcct cctcctccaa cgcccttttg atccaagatt gagtaagaga cattggcaga 60

tgctgagaag	gacaacccaa	ttgttttaac	ttgcagaccg	agggggagat	gggttccagt	120
ctgcacatga	ctcgtgcaca	gtccccccac	cccaccctga	cttagaaaat	tccaaaccga	180
ctacaagacc	agaaacaaac	cacatgccag	tcgccccctt	gtctgtacac	acatgtggag	240
ttcagagcca	cccttgagga	gaggctgctc	aggctcagct	ccctgtgctg	ggcttttctag	300

<210> 81  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 81						
acatagcccc	cacccctgag	ggatgagaca	gctccctgca	ggcaggctgt	gcccagtcac	60
ctcaagccta	cagctgggct	gctggctgca	gggtctggag	ggcgggtggg	aggggtggcag	120
acagagtagc	aagaccccc	cttccctggc	cttcttcaca	gacctgcgtc	atgcgggcct	180
gggaccgcag	caagcccttg	ctcttctgcc	cggccatgaa	caccgccatg	tgggagcacc	240
cgatcacagc	gcagcaggta	gaccagctca	aggcctttgg	ctatgtcgag	atccccctgtg	300

<210> 82  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 82						
ggaagaggat	gactgggtat	gctgtgccac	ccttgagggc	catgaatcca	ctgtgtggag	60
cttgggcttt	gacccgagtg	gccagcgcct	ggcgtcttgt	agtgatgacc	gtactgtgctg	120
tatctggcgt	cagtatctac	caggcaatga	acaaggggtg	gcatgcagcg	gctctgaccc	180
cagttggaaa	tgtatctgta	ctttgtccgg	cttccactca	aggaccattt	atgacattgc	240
ttggtgtcag	ctgacagggg	ctctggccac	agcttgtggg	gatgacgcga	tccgcgtgtt	300

<210> 83  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 83						
cagagctgta	tcttcagtgg	tgtgatgaag	ctacagtagg	ggagatcact	catgctaggt	60
atggatctcc	ttacccttgg	cctctgaatc	atattttggc	ctatcaaaaa	cagtggnnnn	120
nnnnnnnnnn	nngtaaaaaa	attttnggng	gggggagaaa	aaatcnggac	ccggtgttan	180
aggatgtaga	ccagtgtctg	caagctctct	ctcaaagact	gggaacacaa	ccgtatttct	240
tcaataagca	gcctactgaa	cttgacgcac	tggtatttgg	ccatctatac	accattctta	300

<210> 84  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 84						
gtcctaccca	aacctgtggc	cgccactttt	gaattctcag	attgccctga	attttgcac	60
ttttaataaa	tgtgctgaat	aagctcagca	actaaaaacc	attacccaag	aacgtttctt	120
gtgagtgagc	tgatttattc	tgattcatta	tattcctttt	ggtagatttt	atacccttgg	180
gggaaataat	acaacaaaaa	catctcttaa	aaatgctggg	atggggccat	atctactagc	240



agaggccaga tggtcagata tgattttctgc aaacccatct tgaccttgag tatgtgaagg 300

<210> 85  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 85  
 tgggtgcccatt attgatgtgg atanacagaa agataagaat ggcgagagaa tgatcacaat 60  
 aaggggtggc ccagaatcac caagatatgc agttcaacta atcaatgcac tcattcaaga 120  
 tcttgctaag gaactggaag acttgattcc taaaaatcat atcagaacac ctgccagcac 180  
 caaatcaatt catgctaact tctcatctgg agtaggtacc ccagcagctt ccagtaaaaa 240  
 tgcatttcct ttgggtgctc caactcttgt aacttcacag gcaacaacgt tattttacgtc 300

<210> 86  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 86  
 gaattccatt accanatgct actngctctt tgttgcttta tcncnangcc atcgattcga 60  
 atnnaggacg agncganngg tatcgncann gatngntntn ntncgctcnt gacccatang 120  
 cttngnatng ggatnnagng acagtntcnt gnnaaacatc tatnacnntn atganggcta 180  
 tcnntttaat gatnttgaga atnatgacng gcttgatgac tanaacaatg cngaagatna 240  
 ncgccactga tgggtgnaca tacttccctc ttttactact cgctnacaa tcacaatctg 300

<210> 87  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 87  
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 atgtcctttg ggcaggatgt ggatgcagct gtcggggcag ctctgggtcat gctccggaga 120  
 cacctcaacc agaaggaatc ttagacagca aactctttcg ccaaacgact gctgtgaatt 180  
 ttacctgatt aacattcctg acaccatctg tgggtcatcc ttcccttgga ccgttcagtg 240  
 gacagctttc aagcagtgtc tgttgtgagg tcccatcttg gccagaact taccttcaga 300

<210> 88  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 88  
 ccaaggagtt ttccaccgt ctctcatggt cacagcgcta gtcattcatt tttgagaagt 60  
 tgcttctttt acatcagaaa accagtcaat catatggaga cttcttttgt gatgaaaaag 120

ggcttttagaa	gttaaataca	tgcatgcaca	tgaaaacatg	cacaaccaca	gcctcaatct	180
tgtatttagt	ttggggaaag	agaagagaat	ttcctgtgga	ttattttttc	ctcaagtga	240
cctctctggt	taacccaaac	tctgcaagaa	agcactgtga	ctaaaacata	cataacgcct	300

<210> 89  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 89						
agaaatcgga	acaaaagtag	aagttgtgga	aaggaaagaa	catttgcata	ctgacatddd	60
aaaacgtggc	tctgaaatgg	acaacaactg	ctcaccaacc	aggaaagact	tcactgaaga	120
taccatccca	cgaacacaga	tagaaagaag	gaaaacaagc	ctgtattttt	ccagcaaata	180
taacaaagaa	gctcttagcc	ccccacgacg	taaagccttt	aagaaatgga	cacctcctcg	240
gtcacctddd	aatctcgttc	aagaaacact	ttttcatgat	ccatggaagc	ttctcatcgc	300

<210> 90  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 90						
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atacatcatt	tcatttgttg	cttctaaggg	aataagccat	agaggcttct	ccaggtttta	120
agaacagta	aagtacctgg	aaaaccaaca	tttttgaatg	tatggacact	ggacatgaga	180
tatgtacaat	gaaatcttaa	aagaatctaa	gaatttgccc	tctttgcccc	actccaccca	240
gtaatttgac	attactagtg	ccatgtatag	gacccaactg	agtattagaa	tcagttttga	300

<210> 91  
 <211> 267  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (267)  
 <223> n = A,T,C or G

<400> 91						
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tcattgcaac	ctccgccttt	tggattcgtg	cagttctcct	gcctcagcct	ccaagtgggt	180
gggatcgag	gcacacgcca	ccatgcctgg	ctaatttttg	nnnnnttann	ggctgnncn	240
gngaancctn	nnntntnctn	nnntnnc				267

<210> 92  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 92						
aaaaattgtg	atgtaagtgg	tacagtgggg	agaatttagg	gctctcagaa	tgcagaaaaac	60
tagccacctc	cagttctgtg	cctgaccacc	atctgacttt	ggataaatcc	cttctgctct	120
cccacctagc	tttatcattd	gtaaaatgag	tctctaggta	cagccctttc	tggttgtaga	180
cagagtttct	gaggagtaaa	agccatgtca	ttgtggaaac	aggcagctat	tctcacagct	240
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<210> 93  
 <211> 277  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(277)  
 <223> n = A,T,C or G

<400> 93  
 agtgtatcca gatctaagta atctcagtga actatacatt gcctaaaaag tggttttgta 60  
 atgatttgta gtcacatttc tattgggata tgnnnnnnnn aaggcgaaat gcttaaagtt 120  
 ccttttattt tttaaaagca gntagataga cacagacttg ccacctnata catctgctcc 180  
 ttggcaacat cnnngggaac nnactagccn acatgcctat ggctaaaaac tttnccttgc 240  
 nnactancgc nctgnttggn gcttcngntt ntannnt 277

<210> 94  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 94  
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 gcgctgccct ggcctcggca ttcgaggctc ccctagggcc gtgcctgtgc gtgtgcgtgt 120  
 gcgtgtgtgt gtgtgtgtac tgcattgccc cccgggtagc aagctggtgg acagatctgc 180  
 tctgtggagg ggcgggcacc agntccactt atgtgcctgt gctccgaggg ccaatgggct 240  
 gcagggcctg cttggaggaa ggatttgtgt gtaggaggcc tctccgaggg caattctgtt 300

<210> 95  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 95  
 aaaacctgct gtcaaggctt gaagagccgg cactactcaat ggcaaacaca gcaccgagtc 60  
 tgctctgaat cctggaggat ctggccctcc tctcaacccc cactcacagt caccgtctta 120  
 caactcaggg ccacctggga tcagtcacca gtcagggtgc gtaagccttg aataccaggt 180  
 agcctcagga gtgaaaagat aaatgtccta gatcattacc ttattcagtg tccccacctt 240  
 gcagcgcatt ccaaccacct gggagcattt aaaactccag atgcccacac cacaccctgg 300

<210> 96  
 <211> 283  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(283)  
 <223> n = A,T,C or G

&lt;400&gt; 96

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ggntcacct	gttctnnntt	nttntntttt	tnntntang	ntcacnntng	ttancatnnt	120
ttntancttg	nntttatttn	tnntnttttt	ntnanccttn	ttntntttgt	tnntntttctt	180
ttttntnctt	tatttttggn	ttctnccntn	ntntttntgg	tttttanttn	ntntttnttt	240
ttttnttttn	tnnttnnnnt	ngnttctntt	ntntgtcttc	ttt		283

&lt;210&gt; 97

&lt;211&gt; 277

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(277)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 97

gtttcacatt	tgctgccatg	agcaaagagg	aggtcgacag	gtacaatttt	gtgatgctgg	60
ccctgtcctc	ctcattcctg	gtgtttatct	atctcttgac	ccgttggtgt	ggcagcgtgg	120
gcttcatctt	ggccaactgc	tttaacatgg	gcattcggat	cacgcagagc	ctttgcttca	180
tccaccgcta	ctaccgaagg	agccccaca	ggccccctggc	tggcctgcac	ctatcgnnnn	240
nnnngnncgg	gacatttgcc	ctcagtgggtg	tggttnc			277

&lt;210&gt; 98

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 98

aagacttttg	aaacacacat	taaaatatatt	catgctccga	acgccagcgc	accaagtagc	60
agcctcagca	ctttcaaaga	taaaaacaaa	aatgatggcc	ttaaacctaa	gcaggctgac	120
agtgtagagc	aagctgttta	ttactgtaag	aagtgcactt	accgagatcc	tctttatgaa	180
atagtttaga	agcacattta	cagggaaacat	tttcagcatg	tggcagcacc	ttacatagca	240
aaggcaggag	aaaaatcact	caatggggag	tcccccttagg	ctcgaatgcc	cgagaagaga	300

&lt;210&gt; 99

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 99

gctagactca	agctgtcttg	agagtgtgaa	acaaaagtgt	gtgaagagtt	gtaactgtgt	60
gactgagctt	gatggccaag	ttgaaaatct	tcattttggat	ctgtgctgcc	ttgctggtaa	120
ccaggaagac	cttagtaagg	actctctagg	tcctaccaaa	tcaagcaaaa	ttgaaggagc	180
tggtaccagt	atctcagagc	ctccgtctcc	tatcagtccg	tatgcttcag	aaagctgtgg	240
aacgctacct	cttcctttga	gaccttgtgg	agaagggctct	gaaatggtag	gcaaagagaa	300

&lt;210&gt; 100

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 100

aagtcctatg	aagcttttgg	acagcatgtc	atcgaagacc	atgaacgtat	aggctatcag	60
gtcactgcca	tgattgggca	cacaaatgta	gtgggttcccc	gatccaaacc	cttgatgcta	120

attgctccca	aacctcaaga	caagaagagc	atgggactcc	caccaaggat	cggttccctt	180
gcttctggaa	atgtccggtc	tttaccatca	cagcagatgg	tgaatcgact	ctcaatacca	240
aagcctaact	taaattctac	aggagtcaac	atgatgtcca	gtgttctgta	taaaatgcaa	300

&lt;210&gt; 101

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 101

atgttgccca	ggctgggtctc	aaactcttga	cctcaagcaa	tactcctgcc	ttggcctccc	60
aaagtgtctg	gataataggc	atgagccatc	atgcctggcc	gaacttattt	ttaaattctt	120
tgggaatcta	aaaggactat	gtgctttctt	ttttactgga	ttatgtgaga	agataatagt	180
ttgcagagaa	attcagtga	gcagctgata	aaatgcttta	aaaatatatt	tcagagaatt	240
gagcaataac	agtgatgtca	aaatagtagc	cccaccttct	ccagcccacc	taaaccaaca	300

&lt;210&gt; 102

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 102

gatgcaagg	ctgaagctga	aacttcagag	agcatcggca	tttaaggaag	aaccttggct	60
gggcgtggtg	gctcacgcct	gtaatcccag	cactttggga	ggctgaggcg	ggcggattgc	120
ttgagcccag	gagtttgaga	ccagctggcc	aacgtggtga	aaccccgctc	ctactaaaaa	180
tacataaatt	agctgggcgg	tagtggcatg	tgcctgtaat	cccagctact	cgaggaggctg	240
agagaggaga	atcacttgat	tctcctggga	ggcagagggt	gtggtagctg	agatcgtgcc	300

&lt;210&gt; 103

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 103

atttttagtg	ttttacagtc	atttttcatt	taatatttac	agaagtccta	tgaaataatg	60
actgtgatta	gatactgtta	ttattaagga	aactgagcct	tagagagggt	aggtaacttg	120
tctaaggtag	agctatgata	caaaccggg	tctcattggt	tgggcatttg	tgtcagtcac	180
tgagtataag	gtaactggga	caaggagctc	aagcagctcg	tcgttttagta	tcagagacag	240
agagctcagg	ccatggcccc	actatgaaca	aagtggctct	aggacacaga	aaaagagtga	300

&lt;210&gt; 104

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 104

gcctgtagtc	ccagctgtct	gggaggctga	ggcaggagaa	ttgcttgggc	ccgggaggcg	60
gtggttgca	tgagccgagg	ttgcgccact	gcactccagc	ctgagcaaca	gagcgagact	120
ctgtctcaaa	caaaaaccaa	aagacatcag	gaaacatgcc	tcttatggaa	tttgaggggg	180
aaaagtcagg	gtcttggcag	tgaccttgga	caagccatta	gcctcttgat	acctcttttc	240
tcactctgta	aatgaagggtg	gtagttacct	acttcacagg	gttattaggg	gattcaatgt	300

&lt;210&gt; 105

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 105

cagaggcttt	gctagtatcc	ttcaaccaat	ttctagtaaa	aatatcctat	ataaccataa	60
ttatcaaaac	cagaaaaaca	acattggtag	gatactataa	agtactaatc	ttatttttga	120
tttgacgaat	ttttacatgt	ttttttcttt	tttagtttgt	actctaagaa	gttgtattac	180
atgtacagat	tcgtgtaacc	actgcaacca	cataaaacta	atgaacacaa	agtcctcat	240
gctacctttt	tatgcttaca	ctccatccaa	acctaactct	gccaaccact	tttctcctat	300

&lt;210&gt; 106

&lt;211&gt; 287

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(287)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 106

acctgagcta	gggttgacgc	agaaattgag	ttgcagcttg	cccttggtcca	gacctatfff	60
ctgcttgctg	ttttgaaaca	ggaggtgcac	gtaccaccca	attatctatg	gcagcatgca	120
tgtataggcc	gaactattat	cagctctgat	gtttnnnnnn	nnnnnnnnna	taatgcgana	180
gangccatca	cnntnctatt	gtgtctnaan	tnngcctng	ngntattcca	tgnctcntn	240
ntatnnanct	ntacnaatan	gttttacgtn	atncnnttcg	atfffft		287

&lt;210&gt; 107

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 107

ccctggatga	aaacctaggc	agtaccattc	aggacatagg	catggggcaa	tacttcatga	60
ctaaaacacc	aaaagcaatg	tcaacaaaag	ccaaaattga	caaaggggat	ctaactaaac	120
taaagaacct	gtgtgcagtt	ttatttgga	gtgtgtgtgg	ggtagctctg	agtttcaaaa	180
atgaagaaag	taagtagtca	tgctttcctg	actctttggg	agacatagcc	tttaagacag	240
tcattctgag	ctgttatggg	cttaggggtc	cctatactac	taaaacttat	tgatgacatg	300

&lt;210&gt; 108

&lt;211&gt; 285

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(285)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 108

atgcccntag	tacgcaacaa	ntccttctng	ctccaagagt	aggaaaatta	ctgttctntn	60
tgccagttag	attcctcttc	tggtattacc	tttgcttcaa	agtccttgaa	tgcccatc	120
cccacttcac	agcacttatt	gctatctgga	attacactaa	atgtcacctt	catgatggta	180
ggcaatttat	tgcttagtc	acagttatgt	ctagagaaca	agcagctggc	tcatagtagg	240
cactcaacaa	atatttggtc	aatgaatgaa	tttataaatg	aatgc		285

&lt;210&gt; 109

&lt;211&gt; 300

&lt;212&gt; DNA

<213> Homo sapiens

<400> 109

aattgtaact tattccagga taaatgtcat atgcatatga ttttcatatg actttgatga	60
gtatcttcag ggaaaattcc taaaaatcga attgctggat taaggggtaa atgcatgtat	120
agttttgtta gacagggcca catacccttc cttagaggta gtaccctttt gtattcctgc	180
cagtaataata tgagagtcca cagagtatgt ggttaagctt tagaatgctt gtccatctga	240
tagggaagaa atcgtgttgc cttaatttgc ccttctttta ttatgaatca gattttaatc	300

<210> 110

<211> 300

<212> DNA

<213> Homo sapiens

<400> 110

cagccaatag ccatgtaact gagcttggaa gaggatcttg ctgtcctggc caacatctca	60
ctgcaattct atcagttgaa ttccctggat agtccaagct ttgtggatcc ctccaccaga	120
acaactggat ccaggtacct gaatcctgaa tcttagactc ttatacttca aacactgac	180
acgggaacag ccggtcagc agctcctgag ttcctaagtc tcagaacatg gatgagatga	240
taaatgtttg ttgtgttaag ctgccaacct ttggcggggg ggtattcgtc acaggcaaca	300

<210> 111

<211> 300

<212> DNA

<213> Homo sapiens

<400> 111

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tttctgaaa ccaagtacct ctggtgacag tttaaaaagt ggaagcattc cattggcaaa	120
tgaatccttg gagcacaac ctgtatccag tttagcagaa cctgacttga tcaactttat	180
ggacttccca aaacataacc agatcataac tgaagaaaca ggctctgcag ttgaaccaag	240
tgatgaaata aagagagcca gtggagatgt ccaaactatg aaaatttcat ctgtgcctaa	300

<210> 112

<211> 300

<212> DNA

<213> Homo sapiens

<400> 112

ggccgggttat tctctcttta cagatagcta tagacatcat tttaggaagt gttgcagtct	60
ggcatttgtg ctattgttca ttctctgtga aggctgttca tagttgctat agcctgtgtt	120
tagttttgtg atttcatcaa tcccatcttt ctgagtgtat aatgcattct aaacatccta	180
ccccacttta taaacggacg tggggaacgc ttggtcattt aagccaacaa taaatttatg	240
ggaatgtccc taagtgttta ctgtctttat ccagtcaagg atttgctttt ccttgaacat	300

<210> 113

<211> 300

<212> DNA

<213> Homo sapiens

<400> 113

gacttgaaaa aaagtccat ccagcaaagc cagggtcaca tgaaatatgg gcctcctgga	60
atccctacag tggatggaga ctggctcata ccttgccaga tccctctctc agttccagcc	120
ttctggacaa ggctgggct aagaggagct gattcgttat ctcttcaccc actgcctct	180
cagtatcacc agtcccaaag acaggatacg tccctgtaac ccaatctctc ggttgattga	240
tagcagaaca gctcttggtg gtctgagaag gcaggataag tgaccacata tttatgccac	300

<210> 114  
 <211> 291  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(291)  
 <223> n = A,T,C or G

<400> 114  
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 tnnattaaaaa nnnccggggn nnnnccatnn ngttttttttt aaaaannntg gnaannctnn 120  
 gngngtngggg cccctnaant gttttnaaag acnccccctt ccaaattttg aaaacattgt 180  
 aattggagaa gaaggtanct ctgcaagggtt aatctgtcat tctcaatttg ccttattgtc 240  
 ttgtttatta agatgttgga aaagcaggag gtagctgtgc ctcaattatt g 291

<210> 115  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 115  
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 tggaaggact gaaaataaca gaactcagca ccatgatcgg accgggacaa tcagattatt 120  
 tcattcctca gcaaacggag atcgatccga aaagtggaaa tatgagctct tctttggtgt 180  
 tggcatatgg accctgagag aaagaacttt aattttttct cttggactgc aataaagtat 240  
 agctgcctaa aatacgtttc ctgacacttg gaggtttgtc cacaatcggg aaaaaaggca 300

<210> 116  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 116  
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 ggaaggactg aaaataacag aactcagcac catgatcgga cggggacaat cagattatctt 120  
 cattcctcag caaacggaga tcatcgcgaa aagtggaaat atgagctctt ctttggtgtt 180  
 ggcataatgga ccctgagaga aagaacttta atttttttctc ttggactgca ataaagtata 240  
 gctgcctaaa atacgtttcc tgacacttgg aggtttgtcc acaatcgggtg aaataaaggc 300

<210> 117  
 <211> 298  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(298)  
 <223> n = A,T,C or G

<400> 117  
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 agaggatggc ctgaactgag tggagagaga cagaccagga ccaaaccatg cagagggtcaa 120  
 gggccacatt caccttttca gtagtactca atcaaatttg tagtttgtaa aagtatttta 180  
 acagctctgc ggcaaagtgc aaatgaaaag tcttgatggc atggactgga gcggggacag 240



tggggatgga gaaaggggaa tggattggtn gnnnnnnnnn nggtanatnc atgtgaac 298

<210> 118  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 118  
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 accagggcgg ccacacacgg gctgcacaac ctttgcagtc gtgcacggca agtgggatgt 120  
 ggctccgcc catgattggg cacctgggtca ggctgggaga tccaaatagc acccagtggg 180  
 cagctgtccg acccctggag gggcaagcca ggaaagaaac ttagggcccg ctgtgaccag 240  
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<210> 119  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)... (300)  
 <223> n = A,T,C or G

<400> 119  
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 ttgttaaaag tactcatccc taatattaca ttgttctgga aggactgaaa ataacagAAC 120  
 tcagcaccat gatcggaccg ggacaatcag attatttcat tctcagcaa acggagatcg 180  
 atccgaaaag tggaaatatg agctcttctt tgggtgttggc atatggaccc tgagacnaaa 240  
 gaaccttaat tttttctctt ggactgcaat aaagtatagc tgcctaaaat acgtttctctg 300

<210> 120  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 120  
 atttgagaca ctggttttaa tgaaaatgga tataaggat gtataactgg ggggtggggtg 60  
 agggtaggag gcatttaca ctcagatttt atttattttg aaattatcaa ttgtataaat 120  
 ctaatttatt accaaatagg gtctttttaa aaatattttt atcggtgaaa ccttgacagg 180  
 tacttcatat tcttctaata atttaaacag tccaataatg tgggtatacac tttgacatcc 240  
 aagaactcac caagatgttt ttcagagatt tattctcgat ttaactatca tagcatttaa 300

<210> 121  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 121  
 ggagaactgc tcaactcttt tccctcccca tacaaactca aagtcacctg ggccccaatt 60  
 cagagttatg ttttttttgg cacatactag aaaggcagtg cctcagccct tccctgaatc 120  
 catggagggtg ttctgtttgg ggcttttttag actgctgctg ctcagctggg tgcttgaact 180  
 gacagtaggc cagcctgttc tctgccattc cctagtcatc ctgtgcctca ccacagcttg 240  
 cttagagcaa gccttttctc agaccttagg cacagcctct cctctttacc tgatcaatgt 300

<210> 122

<211> 300  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(300)  
<223> n = A,T,C or G

<400> 122  
ctttagaaca tatcactact aagtatcagc ttatcttcag aacattacaa cattcacggt 60  
gttcatatgc tttctgagaa gtcaccactt gtaatttcag atcacatata cctgaaggca 120  
ttttatagtt cctaaagtta acatgttaga tctttttttt ccaccccatg agggctcac 180  
tctcacccag gctggaatgn nnnnnntga ttgtagcaca ctttgccac caactcctgg 240  
gctcaagtga tcctcctgct ttggcctcct ctgagaagct gggattactg gggcacacca 300

<210> 123  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 123  
cacctttcct ccagtttcca ataacacatt cctcttttcc acctgagacc tcaccagaat 60  
cacctttaat gtctatatct ctaccaatag tctttttaag gcaatatagg ctttctctaa 120  
catgcacttc aaacttcaag atggagggga tgccatacaa caggactatg tgatgggttt 180  
tggtgtgtgc cataggaagt cacaacagga aagggaaaga aaccagaacc cagtcatgga 240  
gttaagaagt gagtcagaga gtagatgggt agggacagtg aggtaggcc tctttctaag 300

<210> 124  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 124  
ggaactatgc cctccctact cccatcattg ccaattaagt ctttttcctt taaaaatcag 60  
ctaaacatct tcccccttga tcccttagtt atgtactctc attcttcgtg tactccatgt 120  
gattcaatag cacagatact tcagtagcac ttaccataat tgccatgaaa taattgtgta 180  
gtttgcttaa tatttgtttc tcatattaga atgtaagctc catgagagct aggatcatgt 240  
ctgatttctt tgccattgta ttgcagtgcc taaaacaata ttttacaat ttaagtaatt 300

<210> 125  
<211> 276  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(276)  
<223> n = A,T,C or G

<400> 125  
accatttctg tacaacacaa gctggccttg gcagtttcgg tgcataaaaa atcagggtcct 60  
acagctcgag agggcagagc cacagtcctt ggacggcgtg gactgaggcc ggatccttcc 120  
tgagggcctn nnnnnnnngg ggacccagn anctcatcat cancatgtgt ggagccaagg 180  
agtctgntac ccacgtnnnn tngnggatgc ccgatgncng ntttggtntt nttgacntgt 240  
tnntgntnaa ntntttnnng nttctantnn tctgat 276

<210> 126  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 126  
 cctggcagtg ttgtcagctc aacctgggtgg gttcagttct gtccctgaggc ttctgctctc 60  
 attcatttag tgctacgctg cacagttcta cactgtcaag ggaaaaggga gactaatgag 120  
 gcttaactca aaacctgggc atgggttttg ttgccattcc ataggtttg agagctctag 180  
 atctcttttg tgctgggttc agtggctctt caggggacag gaaatgcctg tgtctggcca 240  
 gtgtgggtct ggagcttttg ggtaacagca ggatccatca gttagtaggg tgcattgctcag 300

<210> 127  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 127  
 cataatcgca aagtgggaaca tgaagctcta ggcagtagtc tcctgactgg cccagagggga 60  
 cttttggcca aagaacgaga gaacttaaag cgattaaaat gtctgcgacg ataccgccag 120  
 cgctatggag tggaagcctt actgcatagg cagttgaagg aacggagaat gctggccaca 180  
 gatggtgctg cccaacaggc ccataccact cgttccagtc agagggtgctt ggcctttgtg 240  
 gatgatgttc gttgttccaa tcagtctctt ccaatgacca gacactgcct taccatatt 300

<210> 128  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 128  
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 ttaaggccag gagttcgagg ccagcctagg caacatagca agaccccat ctctattaaa 120  
 acaaacaac aaacaaaatg ttaaataaag gaagcagatg agtatgtgct aactaggctg 180  
 gcatgtgtct ttgttggtga catggagcct ctgtcatccc ctacacagact gcatacgagg 240  
 attggttcat caccctctac aacgtgctgt acaccagcct gccctgtctc ctcatggggc 300

<210> 129  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 129  
 gaccaggtta gaccagctca agagttcatg ttctttgtca tcctcctgtg agctctctgt 60  
 aagtctcttt cttgcccatc accacatccc tagtactggg tatcagtctg gccacttggc 120  
 tttctggttt gcccgaatgt ggtctattct tgatgcagct accaaagtaa tgttttaaaa 180  
 ccattatacc aagttactat ccttgtcaaa acccccagta actgccaatc tcacttagaa 240  
 taaaatccgg actcctgtga agcacagcat aaactggcca ctgcctatgc agcaacctca 300

<210> 130  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (300)

<223> n = A,T,C or G

<400> 130

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atcaagagat	ttttttccac	ggggaagttc	tttttacaaa	gcgttgatth	ctcggcaccc	120
cgcggggcgg	gcaactgaca	cggcctccgg	tgcaccttct	gcgctgtgga	gcctctgggg	180
ctcagctggn	nnnnntcgg	gtcgtgnggc	ggtagggcgg	gagcggngga	agggaaaagc	240
naangctgga	aaagaagcag	ggcagttgng	aaccagacat	ccagaactcc	tgaagggtc	300

<210> 131

<211> 300

<212> DNA

<213> Homo sapiens

<400> 131

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gtggacacca	gacccctgga	gctcctgggt	agcaagttag	atctctggga	tgtcagttag	120
gctgggtgaa	gaccagaggt	aaactgcaga	ggtcaccacc	cccaccatgt	cccagggtgat	180
gtccagccca	ctgctggcag	gaggccatgc	tgtcagcttg	gcgccttggt	atgagcccag	240
gaggaccctg	caccagcac	ccagccccag	cctgccaccc	cagtgttctt	actacaccac	300

<210> 132

<211> 300

<212> DNA

<213> Homo sapiens

<400> 132

aaaacttttg	gccatttcag	aatttagaga	gtttaatgaa	tgtgcccttg	tttaagtata	60
aaagtacagt	tcaagtttgt	aactccatac	tttgtccaaa	gactggacgg	gaaaaaagaa	120
agtcaccgga	aaaccgggtc	ctgagaaaagc	tcctcaaacc	agacatagaa	agagaaaagc	180
ttaagaattg	cctgggctca	ccttgatcgt	aagttgacag	tgctggactg	gcagcaaagt	240
gaccgttgga	gtttaatgag	aggaatatac	tcacatcag	tctatttaga	agagatttcc	300

<210> 133

<211> 294

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(294)

<223> n = A,T,C or G

<400> 133

tagggtaann	cngnannaaa	angngcanta	ngttnagacn	ngncnnncnn	tnacnatnnn	60
ngantagaac	atntctatnn	ngnnnnnana	tntnannngn	naaanagggt	tntatggnag	120
nacntctntc	ncnnnnatcc	attctcatca	gcactgtccc	aggatcctgg	agagggagaa	180
ccccggccc	caggggaaaag	agggcggggg	ctcccgtttc	ctgtgcctgc	accagccctg	240
ccccattg	gtctgcacac	ccctgcgtgt	aactgcattc	cataccaact	aata	294

<210> 134

<211> 300

<212> DNA

<213> Homo sapiens

<400> 134

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gctcaaagca	atccagattg	ctgggattac	agctgtgagc	caccgtgcct	ggctgagatg	120
acttttataa	aaagacttct	ctaaagtaga	aggaagggtg	gaattgtatg	cacaagaaga	180
aaaaaacctg	gaagaaaaac	atactaaaga	ggctggagtg	caatggcgcg	atcttggttc	240
accgcaacct	cgcctccccg	ggttcaagtg	attctcctgc	ctcagcctcc	caggtagctg	300

&lt;210&gt; 135

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 135

agactcttca	ttctatcacc	ctgtctcaca	aaagacttgc	ccaaggctac	gaagcaaggc	60
agtgactaga	gtccagacat	cagaactagt	tccatgtttt	ttttttcact	accagtcctt	120
aggcccaaaa	cgcagatcc	tgctgtgtga	ccattaagcc	cctgactgtt	ctagggtcaa	180
cttccaaccc	tttctgcagg	tcctattacc	tctgcctcat	cctcccaaca	tgataaccag	240
agtcttcctt	cacattgtac	tgcctacccc	cttatgttcc	caggctctcc	cttggtttta	300

&lt;210&gt; 136

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 136

gtgtgcttgt	gaaagtgtcc	aggcgtgtgc	acagccagtg	cgcccacttc	cgggctcctt	60
gtccctgtct	gtactgaagt	tttgattttt	gcatccaatc	ctgtgtgcct	gcccttctgc	120
cgaaggcttg	tgaggggcct	gagtcctctg	cccatcagga	tgacaggctc	cttcctgcag	180
ggccatagga	gggaagtgtt	ggaaacacag	aatgattcca	aggtgtcttc	gttcctgagg	240
gggactgggt	tgtaacccat	gacatctgtg	ggcgagagag	gcagctggga	gcaggacact	300

&lt;210&gt; 137

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 137

gctgcatctg	caatgaggat	gccaccctac	gctgcgtgtg	ctgcgatggg	gacctcttct	60
gtgcccgtct	cttcgggttg	gtgcagggtg	aatgttctgt	gcgagagctc	aagggtgccc	120
tgatcccttg	acttgtatcc	ctttgttcca	cagagagggc	catgatgcct	ttgagcttaa	180
agagcaccag	acatctgcct	actctcctcc	acgtgcaggc	caagagcact	gaagacaccc	240
tggtcctccc	ggaagggcag	tcccacaggc	agcggcaccc	atttctgggc	cccgccacag	300

&lt;210&gt; 138

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 138

gcagggcaga	gttctacctt	ctcaaaccce	ccagccggca	catcacacac	cggaggccag	60
gacccaagcc	cagcagacac	aggatctgct	aacgcagctg	gcagctgagg	tggttatcga	120
tgaagctgg	aaaggaggag	gccagctgct	ctctctccag	aatgatctca	accagggtgg	180
cccaggggag	actaattcca	agaggcaggc	caactgggtc	ttggaggagg	agaagagcag	240
actgctggct	gaggcagcac	ttgagttgct	ggaggagaac	acgaggcagg	aacggattct	300

&lt;210&gt; 139

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 139

aaaagatgag	tgatttttgtg	tgggaaaagc	cttcccaggc	gtctgtaccg	aaaggagcag	60
caaacaaggg	gctaataccat	gagcagtgtt	ctgtaggctc	tgtgacatct	ttggtttata	120
ggatttttga	gccttttatg	atctggaact	atctgagggg	tttcattata	ggccttggtt	180
ctctccaggg	gccagatgag	tttattgttg	aatctttgaa	aggacaaggc	ctctgtgaat	240
gaatcagtc	caggaagca	tttggtggtg	gcggcagtg	aggattgccc	ggtgaacct	300

&lt;210&gt; 140

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 140

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gggtgttgtc	ttcttttggc	cgaaaaggaa	acagagaggt	taagaactcc	cccagagcca	120
catggacaga	gctgggatcg	aaccgaggct	ccaagtccca	gtgttctttc	cagtacctca	180
tgcatagacc	agccttttcc	tcatacaggc	gatcctgcag	aactggcacc	tgggttgac	240
tcagtggcct	ctctgacgcc	ccgcctgtgt	ggacctctcc	acccctgccc	ttggcagcag	300

&lt;210&gt; 141

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 141

gccacattct	gaggaacatg	tcattgttctg	ggagggctaa	ggcatcaagt	aaggcctgtg	60
gggctggagg	atcccaggca	aggtggggca	atccagagcc	atgggggctt	cccattggaa	120
ttggggaggtc	ccaaggcaga	gtcagagggt	ccacaggagg	agtcagagag	tcaccaaggg	180
ctctcctggc	ccagggagca	gtcaacacca	tggactgaac	acttgctggg	ctccaaccct	240
tggggccaggc	tgcccatgtg	gggccaggag	gcagctcaga	gtggggaggca	gagagagaag	300

&lt;210&gt; 142

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 142

ggagtgtgtt	cctcttgacc	ctggggctgc	atctcctcgt	tgggtgacttc	ctgggggttca	60
gaccctgcc	cctcctccat	tttggggagc	aagatctcat	ctgtctctgg	gacaggagga	120
cctgggttct	gcaactggtga	ggctgagtgt	ggggagcagg	ctctgagccc	ccagctcccc	180
gtgtcccttg	ctccccagg	gtacagtgc	accaacgtgg	agctggtgac	acgcacacgc	240
acggagcacc	tctctgatca	ggacaagtgc	aggagcaaag	cggggaagac	tccattccag	300

&lt;210&gt; 143

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 143

caagcgccca	tggagctgcc	cctggagcag	gtgccccccac	cgagagtgat	ggaaaagccc	60
gtcctcgcca	cctccaggca	tggccagcag	cgagcggtg	gctctgcagg	agaagtgtgt	120
ggtctgagct	ccgtcacggc	cgctcccgag	agcccgaggt	ccaagcccaa	cacgacttgg	180
aataaatgat	caagttatga	attaaacaca	agagaaatgt	aattaccaca	ggagccagct	240

gagaataaaa tggattacgc acatcacagt cattaaacgg tgatcacatg cgcctttcta 300

<210> 144  
 <211> 298  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (298)  
 <223> n = A,T,C or G

<400> 144  
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 cagactccgg gtctgggtga tagggccctt ggcaaattcc tattcctttc tgggcctcct 120  
 tgaagagaca gtgggctgag cttctaggct ccctttgatt cttctgtgtg tggcccagaa 180  
 tgggacagac agactgagct gggcacagaa ataccatagt gacagaacca ttcgaagacc 240  
 ctgccttgat ggaggccccg ggccagggga ggaggcnnnn nnnngctgtc natctgaa 298

<210> 145  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 145  
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 acgtggaatc gacaggtac gaaggggaag tgggtagaag cgggaagtgg tgcgccttcc 180  
 ttcagccggg gctttaagcc ctcagcttgg cgctcctctg tttttccacc gtaggacctt 240  
 cctgcagacg gtgagcagtg agaaggtccg ctccactaat ctcaactgct cagtgattgc 300

<210> 146  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 146  
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 tggttgaaat ttttgaatct agtcaagaag gaaaatttga tgaggaagga aggaatggat 120  
 atcttcagaa gggcttcgcc taagctggaa catggataga ttccattcta acataaagat 180  
 ctttaagttc aaatatagat gagttgactg gtagatttgg tggtagttgc tttctcggga 240  
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<210> 147  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 147  
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 tgcattgcaa ttgttagcat atacagccct tggatattta attatgagac taaaactctt 180  
 cttgacacca cacatgtgtg ttatggcatc actgatctgc tcaagacagc tatttgatg 240  
 gctcttttgc aaagtacatc ctggtgctat tgtgtttgct atattagcag caatgtcaat 300

<210> 148

<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 148  
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tTctgaatgc tGcttctgcc cCctgggacc cagcacattg ttagaccatc tTcttgactg 120  
aaaattctct cctgatgctg agccctgcac caccaccttc cttttcctaa ctatgaattg 180  
atggcaaagt ccactcaaaa caaccagtta agtgctcacg agagagtagt caagcacctc 240  
cagaaagaaa cCGggTtttt gTtcacatag caggaagtga cTccctgggt ggtaatttat 300

<210> 149  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 149  
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attaaattta atttgactt gagttcagt cattgctgtt ctgggcatag gaaatccagg 180  
ttgctggTga tgaacagctg aaaagagctg tgtcaccatg gttgtctctg tcagtcatgt 240  
gaccaccctt acccttgtaa aatcaagcaa gggagagatt attttctaatt gtaaagaaaa 300

<210> 150  
<211> 300  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)... (300)  
<223> n = A,T,C or G

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atcctttggn cgggttctcc caaatnttt tgaggggncc atggncacn gcttnagctt 180  
tgTTTTggca acccctgcc cnaagncgca tataggctgt tcttnacctt gtttccaagg 240  
ctgaggaaca naaagtancc tntgttttga ggaggnggaa gtttaagtatn cnttaatttt 300

<210> 151  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 151  
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caggatgtct catTTctggg tcaccttttc cttgccaaca tagtgaggta ttagaccaa 120  
atcattgcta agagccttct aactcctaag acactagggt tagtcagcca aaagcatgtg 180  
attttccag atttccaaa ctCcttgtaa cctaattgaa agtacacaat gaacttgcaa 240  
gaatttaagc atCcttagat gccagcttc actttgggta ttttccagcc tcctcagtga 300

<210> 152  
<211> 300  
<212> DNA  
<213> Homo sapiens



&lt;400&gt; 152

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acttaagcaa	ctgggagtag	atgtttccat	taaaccacgg	ctaggtgctg	atgaagattc	120
ctttgtgata	cttgaacctg	aaaccaacag	agaactggaa	gccttgaagc	agcgtttctg	180
gaagcatgct	aatccagcag	ccaaacccag	ggctggtcag	acagtgaatg	tgaacgtcat	240
agtgaagac	atgggcactg	atggaaagga	agagctaaaa	gcagatgtgg	tacctgtgac	300

&lt;210&gt; 153

&lt;211&gt; 293

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(293)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 153

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gtcttcacagc	ttatccagaa	ggtgctgagc	aaatggttga	atgatgccca	ggttgnnnnn	120
nnggtgtgct	ctatctttga	taagtttgnt	nnatanactgc	tgnatgactt	tnanntcatg	180
gtgcanaaat	gtgaaagatg	ctttgccaaa	tatgntaaat	antgcttggg	gccttgttnt	240
gaattttcnt	caatntnncc	atanatgatg	natctttann	gntcaccccta	ttc	293

&lt;210&gt; 154

&lt;211&gt; 270

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(270)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 154

tatcagacaa	tattttatta	ttttttcata	gatgtttctgc	cacacaaaga	acttgggggtg	60
taaggataag	gcaaaagctc	caatcccatt	attcagttct	cctaggatgc	acccctcagg	120
gagcctggcc	agagttccga	ggccnnnnnn	nnnnnnntgn	cnentgntcn	acnntgnnnng	180
gctncggcgc	aggcnngnct	gagnantncc	atgangctga	tagnannctg	antctgcccg	240
ngaacngtna	gganagagac	nttactcgga				270

&lt;210&gt; 155

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 155

ctgcccgggtg	gagcgggtgc	ttctcacctt	ctgcaaccag	tatgggtgcc	gcctctccct	60
gcgccagcca	ggcttggtcg	aggctgtgtg	tgtgaagtcc	ctggaggatg	ccctgggggca	120
gaagctgccc	agaaggcccc	agccagggcc	tggagagcag	ctcacagtct	tccagttctg	180
gagttttgtg	gaaaccttgg	acagccccac	catggaggcc	tacgtgactg	agaccgctga	240
ggaggtgcta	ctggtgcgga	atctgaactc	ggatgatcag	gctgttgtgc	tgaaggccct	300

&lt;210&gt; 156

&lt;211&gt; 300

&lt;212&gt; DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 156

ttgattaaaa	acngcctcct	taacctctga	agactgattt	tgccttatca	tgtttcaata	60
ataacatttc	agaggttact	ctgtagcccc	agttgtaagc	ttataaaaac	aaactggaag	120
gctgaggagg	ttatgggctg	gcagccaggc	tatgtttaca	gctgctggag	atggcagtag	180
ccttatactt	tgagcaggta	gtacatccca	ggctgtgcta	gaggtagatt	tgttttttca	240
cgtttgatct	gtggctgggtg	gccacctttg	ttgatttggg	cttacgagtt	tcatagtagc	300

<210> 157

<211> 300

<212> DNA

<213> Homo sapiens

<400> 157

gttggttgg	tgtggatgca	ggttgctctc	aaggaggatc	tggatgccct	caaggaaaaa	60
tttcgaacaa	tggaatctaa	tcagaaaagc	tcattccaag	aaatccccaa	acttaatgaa	120
gaactactca	gcaagcaaaa	acaacttgag	aagattgaat	ctggagagat	gggtttgaac	180
aaagtctgga	taaacatcac	agaaatgaat	aagcagattt	ctctgttgac	ttctgcagtg	240
aaccacctca	aagccaatgt	taagtcagct	gcagacttga	ttagcctgcc	taccactgta	300

<210> 158

<211> 295

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(295)

<223> n = A,T,C or G

<400> 158

ggtgtccaca	ctgaagggcc	agctgcagca	ggagcttcga	aggagctcag	cacccttctc	60
cccaccctcc	ggccccccag	agaaatgagc	tcctgctggc	atctggagaa	caccctgtg	120
cctgggacag	gggaggaccc	ttcttttgga	cagccccccc	ccagagcccc	gtcccttgnn	180
nnnnntaage	tgnnnnnnca	ctgggagact	ntgntantga	aatnctnntc	ctnngcta	240
ttantentan	ncgnnggtn	tcttncctgn	nnccaagnca	ncncatgc	gtttt	295

<210> 159

<211> 300

<212> DNA

<213> Homo sapiens

<400> 159

aagcccgcca	cccactgtgg	gactttctgg	tgggctcctc	agctcccacc	ccaggctggg	60
gccagattg	tgaggctctg	gtgcatgtgt	gtgtgtatgt	gtgtgtgcat	gcgtgtgtgt	120
gttggtggga	tctggcctgg	cccttgggga	tggggctgct	ggggactgcc	ccccttcccg	180
ccgtggccag	gcgctctgtg	tgctgtgtgt	gccccaggct	ctgttgaccc	cgtccaggaa	240
ctaacttacc	cagcttggtc	tctcctgagt	cctccaccct	ggcctgggat	tggccaggga	300

<210> 160

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 160  
 tgccctcagg cagccaaagc actttaaccc ctgcataggg agcagagggc ggtacggcctt 60  
 ctggattgtt tcaactgtgat tcctagggtt ttctgatgcc acgcagtgtg tgctttttgtg 120  
 tatggaagca agtgtgggat gggctctttgc ctttctgggt agggagctgt ctaatccaag 180  
 tcccaggctt ttggcagctt ctctgcaacc caccgtgggt cctggttggg agtggggagg 240  
 gtcaggttgg ggaaagatgg ggtagagtgt agatggcttg gttccagagg tgagggggcc 300

<210> 161  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 161  
 cccagctgga cctgggtggc ctttcctagt gcctctgctg ggggaggaga gcctgtgtgc 60  
 acgtggaggc taggaggtct cagggtgctgc cctggcagca ccagagtgtg ggccggggcc 120  
 gagtgtctgc ccctcgcccc tcagggtggg gcacttagca ccagaaggg accaaaagca 180  
 gggcatggcg gtgcagagga gtttgggagg tgtaaacagc cccatgcacg tggaggagga 240  
 gctggccttc agccccagac cccacgctag cactttccac gctgcttgcc cgctgatgat 300

<210> 162  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 162  
 gtccttgtcc agcctccaag acccacaagt cccttcctct gggaagcccc cctggcctgg 60  
 aggtgcacca ggaagaagtg gtctggggct ggcactaagc catggcccag ggaagactgg 120  
 gggaccactc aggccaggat gagacctgca cgcagtggct cacagcagca cgatttgtga 180  
 cagccccagg cggagaacac cgaacaccca gtgaaggtag ggggatcagc acggcgcggc 240  
 caccacgca cccacgcgct ggaatgagac tcagccacaa ggaggtgcga agctctgacc 300

<210> 163  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 163  
 ctgacggagg ctttgcctggc tgtggtgatg gggattgagt tgggggcaag ggtccctgcc 60  
 tagactgttg acgtccctg ggaaggggac ccaaggatga attggctgtg aaggatcctc 120  
 cctgagactg gcaagggagg aggctgagca gaaggagtca tcatggagga gcggtgagaa 180  
 catggaaccg gactccaaga tgacgatcta aagaccgagg agcgagaagc caaggccagg 240  
 ttctgggtgt agggccca gaagcagaac agcccagagc cccaggtgcc tggcctggcc 300

<210> 164  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 164  
 aggcagcagg tgaagaggca gggccctga cggaggcttt gctggctgtg gtgatgggga 60  
 ttgagttggg ggcaagggc cctgcctaga ctgttgacgt cccctgggaa ggggacccaa 120  
 ggatgaattg gctgtgaagg atcctccctg agactggcaa gggaggaggc tgagcagaag 180

gagtcacatcat ggaggagcgg tgagaacatg gaaccggact ccaagatgac gatctaaaga 240  
 cccgggagcgg agaaagccaa ggccaggttc tgggtgtagg gccagagaa gcagaacagc 300

<210> 165  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 165  
 agacaaagaa aagggtggcaa tcatagaaga gttagtagta ggttatgaaa cctctctaaa 60  
 aagctgccgg ttattttaacc ccaatgatga tggaaaggag gaaccaccaa ccacattact 120  
 ttgggtccag tactacttgg cacaacatta tgacaaaatt ggtcagccat ctattgcttt 180  
 ggagtacata aatactgcta ttgaaagtac acctacatta atagaactct ttctcgtgaa 240  
 agctaaaatc tataagcatg ctggaaatat taaagaagct gcaagggtgga tggatgaggc 300

<210> 166  
 <211> 286  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(286)  
 <223> n = A,T,C or G

<400> 166  
 cttgacttcc aactgcccct gagatttgac ctccagtata aggggcaggc ggggtgccctg 60  
 gagcgtccag tcctcattca ccgagcagtg ctcggttctg tggaaagact gttggggagtg 120  
 ctggcagaaa gctgcggggg gaaatggcca ctgtggctgt ccccgttcca ggtggtggtc 180  
 atccctgnnn nnnnnnnna agaggaatac gccaaagagg ctgagcanat gcctgcgggc 240  
 tgcaggactg gncantgacc tggatgctnt antctggact gatcct 286

<210> 167  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 167  
 ggattctttc actgagcaca aagagttggt ggggcttttag catctgactg atttttttac 60  
 ggggttgatt ctgaccatag gaagtatgca atgtgaatca ctatttacag agaaacctac 120  
 aacagatgct tgatgttgta gaaactggga catatagata ccaagcaaaa ttataagaaa 180  
 cctataaggt gttcaatacg cttgtgtttc caaaattcac tgtacatgat cagtttggtg 240  
 ttcttgtagc acagttttta actgaaggaa ccagttgtaa cagtctcaat tttaactaaa 300

<210> 168  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 168  
 caaggctgca gtaagctacg atcacaccac tgcactctgg cctgcatgca ctctggcctg 60  
 catggcagaa caagaccctg tctctaaaaa aagagaaaga aatcaaaacta atcatgctgc 120  
 tcatggattt ttccaataaa tttcttggtt tggcaggaag aaatgaacac tggatttaga 180  
 cttaaagatt aaatttcctc aaacatgtcc tatctgtagt agttcaacta gacacctttt 240  
 aaagtgcctc taaattcatc agatggccaa actgtattta taatccactt aggcattttg 300

<210> 169  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 169  
 gcaagccagg agtgctggca caggcctgtg gtcgcagcta ctcgaggagg tgaggccgga 60  
 ggatcgcttg agccaggag gtcaaggcta cagtgaagcg tgatcatgcc actgcactcc 120  
 agcctgggtg acagagcgag accctgtctc ttaacaacaa aacccatgag cggcagcccc 180  
 ccagtccctgg atggtggtaa agaatcctca agatcaaacc cacgcagtgc tgagagcttg 240  
 gcctgattct agggctgggg ctggagaaac tgctagagat gatgccgata gccagtgtga 300

<210> 170  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 170  
 caagagagag tgatagaatt ggcagtgaat tatacgaacc accctcctgc cctctgggtt 60  
 cacaatacgt gtacacttga ctgtgaagtg gctgtgagag tgggtggaga gttcttcttt 120  
 gaccctcagc ctgcggatgc ctctagaaac ctctgtttga ttgcaggagg agtcggaatt 180  
 aaccctctgc tttccatcct gcggcacgca gcagatctcc tcagagagca ggcaaacaaa 240  
 agaaatggat atgagatagg aacaataaaa ctattctaca gtgcaaaaaa taccagcgaa 300

<210> 171  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 171  
 tttgcagccc cccctaggtg gaccnttaa ngatttgnt tttcccctgg gcanccaacc 60  
 tgccccanag gcncagacc tgggntttca gctttgggnc caggctgccc aaaggnactc 120  
 cnttatacnc ccggncctt nncgaaana nggncttnc caagcaagcc cctangattt 180  
 gtccctatan anggaaangt gtggcangcn catgagttna aattntttta ngcnattctt 240  
 ataatacaaaa tctgaaggga aaaaaatgtt ttagttcttt cccactcgt tgggttcaac 300

<210> 172  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 172  
 cctagtccca gagtccctga gcggcatact gggggtggct gtgcagtccc agcatcccca 60  
 acccagcatg tatagagagc atccatcctt acatccagct gacccatgcc catgtctctc 120  
 cctgtggctg gaggttcaac aataacataa gtctcttctt tgccctccag atatttctcc 180  
 ctgcagtggc tgggaaactt ggcaagagac cagaggaccc aaatgcagac ccttcaagtg 240  
 aggccaaggc aatggctgtg ccctatcttc tgagaagaaa gttcagtaat tcctgaaaa 300

<210> 173  
 <211> 300  
 <212> DNA

<213> Homo sapiens

<400> 173

cgtgctaattg	gaaaaattgt	tagtaaaaat	aggttcatgc	agtcttattg	atcatgcttg	60
taattctgaa	gattccactt	gtactttttg	taaccatatt	tctcttctct	tccattctct	120
agttgtgaga	aaacccagtt	gtccaataat	tgtcaagctt	tctcggcct	tagggaatga	180
gcactcaaga	cctttctggg	ccaagtgtgg	tcgccgactc	ctgtaatcct	agcactttgg	240
gaggccgagg	agggagagct	gcttgagcct	aggagttcaa	gactagcctg	agcaacagca	300

<210> 174

<211> 300

<212> DNA

<213> Homo sapiens

<400> 174

ggaaagagaa	gcatgcaaca	attagatccc	tcaccagctc	gaaaactggt	gaagcttcag	60
ctacagaacc	cacctgccat	acatggatct	ggatctggat	cttgctcagt	actttatgag	120
agtttctgcc	acaaggtgcc	caagaggaga	ggaatgggaa	gagtgcacca	gcacgtggtg	180
actgcgtgat	ttctgctcgt	tgcccttgaa	gataactggc	aggactgact	gtagaacact	240
ttgacttttt	tcaaaaagtg	atggaatttg	tacatccaaa	tgaatattgt	atagacaatt	300

<210> 175

<211> 300

<212> DNA

<213> Homo sapiens

<400> 175

ctggaaacca	tttaccagaa	agtgaacggc	aaggagctga	gatacgaggg	cctgatgggc	60
aaacccagca	tcctcactta	ccagtatgcc	gaggacctga	tcaggcgaca	ggcggagagg	120
cggggctggg	cgcggcccat	ccggaagctc	tatgctgtgg	gtgataacct	tatgtctgac	180
gtatacggcg	ccaacctgtt	ccaccagtac	ctgcagaagg	caacgcacga	tggggcgcca	240
gaactagggg	ccgggggcac	acggcgagca	cagccctcag	caagccagag	ctgcatctcc	300

<210> 176

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 176

cgaaagccca	tttcaagctt	tgtgctgcct	cttgatctac	ctctttgtcc	aggtggnggc	60
gctttgcctg	gaggatttgc	atgcgtttat	tgcgcaggcc	ttgtgcctcc	aaggaaaatc	120
cacctcgag	cttgtaaata	tacagcctga	ttacatcaac	cccagagccg	tgcagctggg	180
ctcccttctc	gtccgcggcc	tcaccactct	ggtttttagtc	aacagcgcat	gtggcttccc	240
ctggaagacg	agtgatttca	tgccctggaa	tgtatttgac	gggaagcttt	ttcatcagaa	300

<210> 177

<211> 300

<212> DNA

<213> Homo sapiens

<400> 177

accctctctg	gccacatgga	ggcagtttcc	tcagttctgt	ggtcagatgc	tgaagaaatc	60
tgcagtgcac	cttgggacca	tacaattaga	gtgtgggatg	ttgagtctgg	cagtcttaag	120
tcaactttga	caggaaataa	agtgtttaat	tgtatttcct	attctccact	ttgtaaacgt	180
ttagcatctg	gaagcacaga	taggcatatc	agactgtggg	atccccaac	taaagatggt	240
tctttgggtg	cgctgtccct	aacgtcacat	actggttggg	tgacatcagt	aaaatgggtc	300

&lt;210&gt; 178

&lt;211&gt; 298

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(298)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 178

actgctcctt	cattcccaag	aagaaaagac	aagtactgct	acttccaaaa	ctcagacacg	60
acttgaagg	gaagtgactc	ctaattcctt	gtcaaccagc	tacaagacag	tgctattgcc	120
attaagctct	ccaaacataa	agctgaatct	cactagccct	aaaaggggtc	agaaaagaga	180
agaaggggtg	aaggaagttg	tacgaaggtc	aaagaaattg	tctgttccag	cctcagtggg	240
gtcggaggat	aatgggaaga	ggaggatgcn	ncatcnctgc	nttacaggat	gttactgg	298

&lt;210&gt; 179

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 179

gcaaggttgt	gacattgtca	cttttttgtt	ctagactctt	ttaaattttc	tgcatattgcc	60
tgaaaagcac	ccctgtaaga	atagatttct	catggctcta	aaaattattc	ccaagaatac	120
cttacttggg	tcaaaagcag	actgtttctc	ttcatttcat	ctcaaatacag	acttctgggc	180
aagatgttct	ttagagtaag	caaacctaca	acctaataat	ctcttcaaga	ggcatctctg	240
gtcttgtgac	aagacctctt	caaaaaccca	cagtaaaact	cccctccctc	cagttggcca	300

&lt;210&gt; 180

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 180

attacttaga	agcttataac	gaaagctaaa	aagcaatttt	aatagggttca	gtaaagccaa	60
ctaccacata	gattttactt	aatatgtata	agaatacaag	ataaaagatc	tttagacact	120
ttacaaaact	gccaaacttg	ctaaagaaga	tgaacctgat	aaacagccac	aggtacacag	180
cctgtacact	gaaatgtacg	tgggaaagca	cagtgcaaga	atttcttgag	ctgtcctgag	240
ggttatgtta	accagagctt	ctcaacctca	ctacatatte	aaatggcccc	ggagcttttc	300

&lt;210&gt; 181

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 181

cttctaaatg	tcctcctccc	cacttgtttt	attattactg	tttttttctc	tctttaatgt	60
ttttttttat	agagacatgg	tctcactatg	ttgcctgggc	tgatctcaga	ctcctgggct	120
caagtgatcc	tcctgectca	gcctcccaaa	gtgctgggat	tataggcgtg	agccattgcg	180

```
cctggctctg ttactggttt tctaacctga gttacttagg atcatatattt cattcttttt 240
taaaaagatg ggagttttct gaacttttcc ttaactaaaa agttggaatg catcttaata 300
```

```
<210> 182
<211> 300
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G
```

```
<400> 182
gtacggtttt gttgaaccat atcctgacaa cacagatgac acagctgaca ttcagatggg 60
gacagtctgt gaggcagcat tacagggaac aaaaactgaa gctgaaaggc acctagtgtg 120
cgagcgctgg gatttcctat gcaaactgga gatggtaggg gaagagggag cctttgtgat 180
agggannnnn nnnngctgac tgaagaggag ctgaccacca cactaaaggc actgtgcatg 240
cctgctgagg agttcagaga gcttaaagac caggatggag ggggagatga taaaagggaa 300
```

```
<210> 183
<211> 298
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(298)
<223> n = A,T,C or G
```

```
<400> 183
gtctaatttt ttccattttt ctctcctctt tctcaagtct tctttttgat tttacttttg 60
cttttctctg agttccttct ttatcatgta tgtgcttttt ggaactcttt ctgtcagtgg 120
taaagtctgt agagtttcca gactgaagac tcagctctaa gcaaggtttc acttgcgctt 180
caagattttc ctgatacaaa gacttttcca tgtaactttc atcactnnnn nnnnnngntn 240
tgtaaactct tttgattntt gattnttccc ancatataaa nnntctntan nncctcct 298
```

```
<210> 184
<211> 300
<212> DNA
<213> Homo sapiens
```

```
<400> 184
gaacagacaa gttctgtccc agcctctgct acctctaacc ccatggcatt ctatcctttt 60
ctacactggg cttccatttc ttaccccaac aatgatctgt tcttccaggc gctgtcattt 120
aatttcccag acacttgacc tccttctgat ttgtgtactc cctccaaggc tgagttgcag 180
tgagtgacaa taatctgtgc taattactta tcttgccaga agactcaaag ggtttatggc 240
ttttactaac tgaactctat gctagatggt agggataaat ggttaacagg acacagttct 300
```

```
<210> 185
<211> 300
<212> DNA
<213> Homo sapiens
```

```
<400> 185
aaggccttag gctttttttt tgtaggggtga gagtggggga gagatctctt gctctgttgc 60
```



```

ccaggctggt ctccagctcc tggcctccgg cagtcctccc acctcagcct cccagagtac      120
taggattatg ggcattgagcc accacaccta gccaggcttt ttatataggag ttgggtatat      180
atgcttcata gccacacttt ataattattgg agtatagtag taaattacag cttgttgtca      240
agtcagtgtt tctgtaagac agtatatcca atattgggta gagtaacacc tatttggtga      300

```

```

<210> 186
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 186
aaaacttttaa gaaaaccaat gtttggggcc aagcaatggg gagcttggcc gacctcattt      60
tttttagtgat tttgaactca atcttttaaaa tcctggaaga gaaggaaaaa aagggtgtat      120
attcgtgtaa tgacatccag atctcactgt tctcttggct cctagttagt ggggaaaaaa      180
gggtgcgcca ggggttgacc ttcagtaaca cctgcagcca tgcattcatga cctccagggtg      240
ttcagaggcc ctgcccattg gacacgtgcc tggctacttcc catacatgtg cctctttaat      300

```

```

<210> 187
<211> 275
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(275)
<223> n = A,T,C or G

```

```

<400> 187
aannatnnna tatnttannn aacnnnaacn naccnannnn nnntanngaa nntaanaatn      60
aangnacnnt aangannnnn nntgaanacn tncannnaan tcnctaaaaa ngnggtanat      120
gacttcccct gctccgcatt ttgtaaaatg gcccttgggg gagtggtttt gctggatctg      180
ctccctctcg ctctctcact ccactacttt ttggaacaaa gtgatggcag aatgcgggtg      240
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<210> 188
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<212> DNA
<213> Homo sapiens

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tggtgactgg gtctaagcct gtgcggctga gcgtggcaat ccctaaagcg agccgtgtaa      180
agccagtggg atatagtcag atgtacagtt atagctacaa ccagtattat cagcagtacc      240
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<210> 189
<211> 300
<212> DNA
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aaaaccacgc agcagctccc taaactgcag caggctccga accaaccaaa aatctacgtg      180
caaccccaaa cccccagag ccaaatgtcg ctcccagctt cttcagagaa acagacggca      240

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cacctcgag cttgtaaatc tacagcctga ttacatcaac cccagagccg tgcagctggg 180  
ctcccttctc gtccgcggcc tcaccactct ggttttagtc aacagcgcac gtggcttccc 240  
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tggtttgatc ctctggatgg aaccaaggaa tataccgaag gtcttcttga caatgtaaca 180  
gttcttattg gaattgctta tgaagaaaa gccatagcag gagttattaa ccagccatat 240  
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<213> Homo sapiens

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gttgatcctc tggatggaac caaggaatat accgaaggct ttcttgacaa tgtaacagtt 180  
cttattggaa ttgcttatga aggaaaagcc atagcaggag ttattaacca gccatattac 240  
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<211> 300  
<212> DNA  
<213> Homo sapiens

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ctgcgtgcta tatgccatga tgtttgggga aggcccttat gacatggtgt tccaaaaggg 180  
tgacagtgtg gcccttgctg tgcagaacca actcagcatc ccacaaagcc ccaggcattc 240  
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<212> DNA  
<213> Homo sapiens

<400> 194

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atcagtcagt	atttccttgg	ccctcaagcc	aacattcatt	ttttatgtat	aaccttcttc	180
atgattttga	aattttgata	gggtaactgc	taatgagttc	acaaatgtag	cactttaaaa	240
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&lt;210&gt; 195

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 195

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&lt;210&gt; 196

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 196

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aagtttaaaa	aaaaaaaggt	tgggcgttgt	ggctcatgcc	tgtaatccca	gcactttggg	240
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&lt;210&gt; 197

&lt;211&gt; 264

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

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&lt;223&gt; n = A,T,C or G

&lt;400&gt; 197

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cgtggggacc	acctggaccg	gagggttgtc	ctctgacagg	cctggcacgg	aggagggccn	180
anncgannng	ntncatgant	nnttnntgnt	gnnngcnntn	cngatgannn	nntngganna	240
ngnngntnnn	actngntggn	nctg				264

&lt;210&gt; 198

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 198

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gaatagaaca	agccttgccc	atgcaggctt	ccgagcagcc	ctgggtgggg	ttgtggggag	180

gccccagcg gcttgtggca gccttcagct ctgcaggagc ccgtgggggc tagagtcacc 240  
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gctgaggata agaagctggc actggaatgg ttggaaaggc tgtaagagct ccacatgcc 180  
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<213> Homo sapiens

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gttaggggta tctacagtaa ggagatgata cttcaggaga ttatatttca ctcaatgatc 180  
ttttctcatt tcagggtctt tctcaaataa gctaaaagaa aaaggatcag gagacaggaa 240  
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<213> Homo sapiens

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agggtgtgaa tttgggactt gagagtagtt taacacttcg gcgcctcttg gtttggacct 180  
atgatcccaa aatacgactg aagacccttg cgccctagt ggaccactgc caaggaagga 240  
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gtatgtagac caaatcattg ctaagagcct tctaacttta agactctagg tttagtcagc 180  
caaaagcatg tgattttccc agatttccca aactccttgt acctaattga aagtacacaa 240  
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&lt;210&gt; 204

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 204

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&lt;210&gt; 205

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 205

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&lt;210&gt; 206

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 206

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&lt;210&gt; 207

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 207

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&lt;210&gt; 208

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 ttctgatcat atggctgatg tgttatgggc agtatggatg tcttcatttg ttgcttctgt 240  
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 accaggaagc ttcacccaga cactgaacag aatgggtctca gtgcactaat ggaggctcag 240  
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 <212> DNA  
 <213> Homo sapiens

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 <223> n = A,T,C or G

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ggaggtggga	ggtgaagcnn	nnnnnnngag	gangttncnt	ntgnatnnnn	ntnntnanna	240
nanantnnnt	ntnnnannnc	tt				262

&lt;210&gt; 213

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 213

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&lt;210&gt; 214

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 214

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&lt;210&gt; 215

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 215

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&lt;210&gt; 216

&lt;211&gt; 272

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 216

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gctggaagat	tggttaagga	aaagcaccct	ccatggcaga	gacactgcac	atgattgtgc	240
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 tgaatgagaa taaccaagtg gagtaaaaag aagaaaaccg tttcttgatc accacttaat 180  
 taacgatgct ctttctccaa aggatcagca cgttcttcct ctgagaactt gaaaatacaa 240  
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 aaaaaaaaaa aagtctatgg ggtataatcg agatggatac ctgggtcttt aaattacgta 240  
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 <212> DNA  
 <213> Homo sapiens

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 gatcagcgca tacctgccga agattttgca gatactgctc tgtatgacag caaccgtatc 240  
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 gctgtggaag tgaaatgtga gggaacaggc ctgggggagc tgagggagac aggacaagcc 180  
 tttcatctaa aaggtggcac agagcttaag gccagggagg aaggtatgaa gaaaagggtga 240  
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 gttagtggta ccattattg agaatacacc tgaggagaaa gacctcaaag atagaatggc 180



tcattgcaatg	aatgaataacc	cagactcctg	tgcagtactg	gtcagacgtc	atggagtata	240
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<210> 222  
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 <212> DNA  
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<400> 222						
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ctttccagga	cgggagttta	aaattacaca	tcaagagatg	ataaaaaggaa	taaagaaatg	120
tacttccgga	gggtattata	gatatgatga	tatgttagtg	gtacccatta	ttgagaatac	180
acctgaggag	aaagacctca	aagatagaat	ggctcatgca	atgaatgaat	accagacttc	240
ctgtgcagta	ctggtcagac	gtcatggagt	atatgtgtgg	ggggaaacat	gggagaaggg	300

<210> 223  
 <211> 271  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (271)  
 <223> n = A,T,C or G

<400> 223						
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aaaaaaaaaa	ttctttataa	agatgatatg	gtaacatgta	tctttgccct	gggtctgggt	120
gggtccagtc	agtctcagat	ttacaagcat	ttatgagcct	aggtaaaagc	tgctaataat	180
cttttaaaag	cnnnnnnnnn	nacttgcttg	atagaaaact	ccttccgggg	ggngggattt	240
tataatanta	cgtgngnnct	naacanagtn	a			271

<210> 224  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 224						
aagtctgttg	ccattccatc	tctgtgttaa	cacttcatat	ttttatgaaa	ttcagataat	60
ttgtgagagg	ctggcatgga	tctaaggatt	tattattttt	attctagtcc	atcagttcag	120
tcgcagtttt	tatactagga	ctttaggatg	tacataaatg	tgtgactgtt	tgtcttgatt	180
aaaagtgcga	tttgccctgg	gcatgggtgg	tcatgcctat	aatcccagca	ctttggggagg	240
ccaaggcggg	tggctcactt	gaggctagga	gttcaagact	agcgtggcca	acatgaggaa	300

<210> 225  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 225						
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ggaatccacc	ccgtttattg	tagaactggg	ggttcagagg	gcagggtgct	cagagttgag	120
gccacacagt	gaggtctggt	gggtgaaagg	accaggaac	gaggcggttc	ggaaagcagg	180
ttgtcagagc	tatgtggagt	ctgtgggtgg	caggggcagc	cgctccagcc	tttgaagact	240
ttgaaagcca	gagattcctg	gcgcaggctt	ggacttcctg	ggagctcctc	caagtaccca	300

<210> 226  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 226  
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 cattgcctat tcttttttcc tgacatgcta tcagggtatca gtgtgttgaa tacatactgc 120  
 ttgtgtatca gacttacgtt actgtcatca ccattaaaag aattgcagct ttgtgccccca 180  
 tgaccttcag ctgagttgtt gactgtcatt catgaatgcc taaagcatac tgacaccagg 240  
 tataagtact tgaagatcaa gaactagtca ataaaacatg agcaacataa tggtaactat 300

<210> 227  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 227  
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 aggcaagtct gtagctgaat cttggaagaa aggcaaccat agtaatatatt ttgagttcct 120  
 actgtttatt ttttcaataa aaactcaggt tctcagggtta gcagatcatg gtcttaggaa 180  
 ggtagctgta gaacccaaat ataaattcct aagcttctac caattggggtc ttactgaaat 240  
 ggcaattgag agagaagtaa atctcttggt ttccaccata gttactttat gtttcctttc 300

<210> 228  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 228  
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 ccaggctgcc attattattc agaagcattg taaagccttt aaaataagga agcattatct 120  
 ccacattaga gcaacagtag tttctattca aagaagatac agaaaactaa ctgcagtgcg 180  
 tacccaagca gttatttgta tacagtctta ttacagaggc tttaaagtac gaaaggatat 240  
 tcaaaatatg caccgggctg ccacactaat tcagtcattc tatcgaatgc acagggccaa 300

<210> 229  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 229  
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 aggcagaaga cggagaccat catctactcc cgagagaaga accccaacgc gttcgaatgc 120  
 atcgccccctg ccaacattga agctgtggcc gccaaagaaca agcactgcct gctggaggct 180  
 gggatcggtc gcacaagaga cttgatcaag tccaacatct accccatcgt gctcttcac 240  
 cgggtgtgtg agaagaacat caagagggtc agaaagctgc tgccccggcc tgagacggag 300

<210> 230  
 <211> 300  
 <212> DNA

<213> Homo sapiens

<400> 230

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atgatcctgg	ggaaaaagca	tctgtcaa	aggaaacatc	acaaaactga	gcactcttct	120
gtgcactagc	catagctggt	gacaaacaga	tggttgctca	gggacaaggt	gccttccaat	180
ggaaatgcga	agtagttgct	atagcaagaa	ttgggaactg	ggatataagt	cataatatta	240
attatgctgt	tatgtaaatg	attggtttgt	aacattcctt	aagtgaaatt	tgtgtagaac	300

<210> 231

<211> 300

<212> DNA

<213> Homo sapiens

<400> 231

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attgggcctt	ggaagaagaa	cagccattca	aatagataga	attgtggtag	caaaggcata	120
gaggtaggaa	agtatagatc	tccaggga	gtagtcattg	ggttggggca	ctgttggaat	180
ttaaggttgg	aaggatatat	tggagcccct	tgaatacgtt	aacaaggcac	accttgggca	240
gtggagagtt	atcagagtgt	ttgaaaagga	gggttattga	gtaaataaat	agactggtac	300

<210> 232

<211> 300

<212> DNA

<213> Homo sapiens

<400> 232

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ttaggactgt	aaaagtaaag	gattattatc	tgcatatgat	atcattatat	ctaataatga	120
agagactgca	gacataacta	cagggctctt	tttcttaaat	cagaaaatcc	agattcaata	180
gaaatagggt	aaagtgatag	gaggacaaat	agccttccat	ccagtgggta	tcaactgacg	240
actacaagtc	ggcctcactt	gctttaatta	ttctattcta	tcctttgatg	ctgcttgaag	300

<210> 233

<211> 273

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (273)

<223> n = A,T,C or G

<400> 233

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caggggttgaa	ttaagaagct	actggtttat	tccaattgtt	tgatgccttt	aggatgtgtg	120
gaatcttttt	ttttgcctag	gaggggccag	ttgaaaatct	gtgactcaag	aggcagtgaa	180
cagaatactg	ttttctgggg	aaaaattggt	tggtacttgg	atgttaattn	nnnnncagta	240
acagganaag	gntgtgtctn	ngctattntg	nng			273

<210> 234

<211> 300

<212> DNA

<213> Homo sapiens

<400> 234

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ctaattggag	gaggtggaga	gaaatttaga	gggggtcctg	gttagggtag	ccataaaaat	120
agagatgctt	gggatgttct	gagcaaagga	gccagaatgc	agagaacagg	accacagccc	180
tagtagctag	ggggggagtt	tgagatgcag	cctgggggtg	ccctgcctaa	tttcagagac	240
ttaagggcca	gtgtcagtga	cagggtcagc	aggggtgggt	gagaatctgc	ttaaggctag	300

&lt;210&gt; 235

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 235

ccttccacgg	ttatttcaca	gatatggaga	gctggaagca	gggagtgagt	ctctgagtgt	60
tggaattgta	agggatcaga	agcagggatc	agaagcagtg	gtgaagtcca	tccaccataa	120
aacacacagg	tgactttgcc	ttgaatctgc	aggactgaag	ccaactcttg	ggcacagacc	180
cttagtccct	tccttggcca	ctctaagtca	gatagtccag	agccaggccc	tttgggatgt	240
gacaccgaga	taaatcagag	aaaagctgtg	aagcttgggg	aacagaggga	cttttgggtga	300

&lt;210&gt; 236

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 236

cagtgagatt	cctcttcttg	tattaccttt	gcttcattgc	tgaatcttct	ccaatatcat	60
cttctaaaaa	gagcctttta	aatcacctt	ttctattatg	ccctactcat	ttccagtcct	120
tgaattgccc	attccccact	tcatagcact	tattgctatc	tgaatattaca	ctaaatgtca	180
ccttcatgat	ggtaggcaat	ttattgcctt	tgtcactggt	atgtctagag	aacaagcagc	240
tggtcatag	taggcactca	acaaatattt	gttcaatgaa	gaatttataa	atgaatgcct	300

&lt;210&gt; 237

&lt;211&gt; 274

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(274)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 237

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caggccctcc	ccagccgacg	acagccaccg	gagaggagat	cggaacacga	ttgnnnnnnn	120
tgcagggcgc	tgggcggaac	naatccncaa	ggactctgan	atnnnccctt	gnnantnnnn	180
angngannna	nnananannn	ntatacatan	anccnnanac	ccnaannaca	nacannngnc	240
anancnannn	nancannnnn	aannagnnna	nnna			274

&lt;210&gt; 238

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 238

tgtcaccttc	tcccacagcc	atttccaccc	atcgttgtct	agaatctctt	tcattagcac	60
attccaaccc	ctctgccact	tggttttagaa	atgagctccc	tggtcagtg	ggcctttcag	120
aatctggaac	cagacggagg	tggagttaag	aagataggac	agaacaggca	ggcccagggt	180

ctatggttcc actggggaga gaccatttaa ttctccagat gctttactcc ctgattgtct 240  
 tttagccatt attcttttcg ttttaagaga catgggtctca ctctgtcacc caggctggaa 300

<210> 239  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 239  
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 cataaggtag gtttagtctt tttcaaaaca ttctagtagg caagtctgta gctgaatctt 120  
 ggaagaaagg caaccatagt aatatttttg agttcctact gtttattttt tcaataaaaa 180  
 ctcaggttct caggtttagc gatcatggtc ttaggaagggt agctgtagaa ccaaatata 240  
 aattcctaag cttctaccaa ttgggtctta ctgaaatggc aattgagaga gaagtaaatac 300

<210> 240  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 240  
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 gtccatcagc tcagactcgc tgttgtctca tgtggagcag ctgctccggg ccttcacct 180  
 gaagatcagc gtgtgcatg ccgtcctgga ccacaacccc ccaggctgta ccttcacagt 240  
 cctggtgcac acgagagaag ccgcccactc caacatggag aagatccagg tcatcaagga 300

<210> 241  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 241  
 gggatgaata ttttaaggta agcaaagtag ctgtggctac ttggggccaa aagcttccca 60  
 gatgctcctg ctctaagcac atgatgtttt ttggggaaag tggtagcagg tagagggtgg 120  
 cagaaagtgt gagaagcact tgttgtaggt gaccagaca tgcctcttga attgaattcg 180  
 gtgatctgct tcttcagctg ctttcttgtc cctgcccagc aggatgccag gaaacacata 240  
 gccctgtaga aaatcactgg agaagaggat gattggagtt cttcatttct taaaaaacag 300

<210> 242  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 242  
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 taaagcagcc taagagttct atcctaacac aagagcctag aaagtaactt cttaggcagt 120  
 gtccaaagaa tgccagtagt ccttggggac ttttcagagg tgcttggtt gaataattt 180  
 ctagatccca aagcagagtc ttcatgcaca ttttgcggt gtagtgtaga gcaaatggct 240  
 cttggctagg tttagaatgc tgcttttacc attctctgta cctgaccagc tttgagtctc 300

<210> 243  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 243

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tgtggaagtt	cagaggctac	ttatgctcaa	gcagcagata	actatggaga	tgagtgcact	180
gaggacccat	agaatacaga	ttctacaggg	attacaagaa	acatatgaac	cttctgagca	240
cccaggtttg	gcatagaaat	ggtaccctt	gttcaaaatg	aacaagaagc	cttagatttg	300

&lt;210&gt; 244

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 244

ctccagtata	acctcatctg	tatccgcagc	aaccgtttac	caataaggtc	acattctgag	60
gtactagagg	ttgggacttc	aacatcggaa	tttgaaaggg	acagcattca	gcccattgact	120
ccagataaac	gtgaggatg	ctatatcatt	cctaatttac	agatgagtca	atacaaactt	180
gagtgaagctt	gctcacaatt	ccatcaaagg	caggggttcag	acccaagttt	cagcatttag	240
ggcaggtgtc	ctctgcatgg	aagaaccata	ctcaatagcc	gtaaacgctg	acaaattccc	300

&lt;210&gt; 245

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 245

gctgtctggg	tcttacattc	actactttca	ctgcctaaga	atcctggacc	ttctcaaagg	60
cacagaggcc	tccacgaaga	atatttttgg	ccgatactct	tcacagcgga	tgaaggattg	120
gcaggagatt	atagctctgt	atgagaagga	caacacctac	ttagtggaa	tctctagcct	180
cctgggttcgg	aatgtcaact	atgagatccc	ctcactgaag	aagcagattg	ccaagtgcc	240
gcagctgcag	caagaatata	gccgcaagga	ggaggagtgc	caggcagggg	ctgccgagat	300

&lt;210&gt; 246

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 246

tggtctgtca	ccactccatt	ggcctgcctg	cgcgccaatt	cccttcgggtg	ggccccgggtt	60
ggctgcaggc	tgagggtctat	tccactgacc	accctctctg	gtgccgcca	cagtgatcct	120
ggtgcacgcc	tcggtgcgcc	tgcgcaacct	taagaacaag	attgagaaca	agatcgagag	180
cattggtctc	aagcggacgc	caatgggcct	gctactagag	gcactgggac	aagagcagga	240
ggctggatcc	taggcccctg	ggatctgtac	ccaggacctg	gagaatacca	ccccacccc	300

&lt;210&gt; 247

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 247

agaaaaacaa	cagagagaaa	aagaatacct	gagatatgta	gaagctttac	gagcccaa	60
ccaggagaaa	atgcagctgt	ataatattac	tttacctcca	ctatgctgtt	gtggctcctga	120
tttttgggat	gctcatcctg	atacctgtgc	caacaactgt	atcttctata	aaaaccacag	180
agcatatact	cgggcactac	attcattcat	caattcctgt	gatgtccctg	ggggtaattc	240
aactcttcga	gtcgcaattc	ataattttgc	ttctgcacac	aggcggactt	tgaaaaatct	300

&lt;210&gt; 248

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 248

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gagtgttttg	agaatggcta	agagaagata	ggttgaatag	ctatgcctac	atgtcactaa	120
ttaacatctc	agagatctct	gctacagggt	gtcgtcctca	ttttgtctaa	tatttttcca	180
atggcatgag	tataggaaga	taaacgggga	atgttttgaa	gtaataaaaa	aattccatcc	240
ataaagaaga	acaacatgta	ttaagctttg	tgcaccaaac	aacacaacag	gaagacacat	300

<210> 249  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 249

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tcaagatcct	gctaaggaac	tggaagactt	gattcctaaa	aatcatataa	gaacacctgc	180
cagcaccaaa	tcaattcatg	ctaacttctc	atctggagta	ggtaccacag	cagcttccag	240
taaaaatgca	tttcctttgg	gtgctccaac	tcttgtaact	tcacaggcaa	caacgttatc	300

<210> 250  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 250

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gtacatgcgg	gttattagcc	agcgggtaccc	agacatccgc	attgaaggag	agaattacct	120
ccctcaacca	atatatagac	acatagcatc	tttctgttca	gtcttcaaac	tagtattaat	180
aggcttaata	attgttggca	aggatccttt	tgctttcttt	ggcatgcaag	ctcctagcat	240
ctggcagtg	ggccaagaaa	ataaggttta	tgcattgtatg	atgggtttct	tcttgagcaa	300

<210> 251  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 251

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aactccaaat	caacagtatt	ttcaacaaga	aatgtgcaat	tgaaatcaag	tgctgtttaa	120
gtgcagctag	gatttccaca	ggaagacact	tgacgtgaac	agagttatgg	agcagcaaaa	180
acacagatct	atttggaaaa	agagaaaaca	tatgcgttgt	attttgcttc	aattataaaa	240
taccatcctc	tcaaagggtg	ttctaaatta	caaaggactt	tgatttctag	gtagattctg	300

<210> 252  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 252

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cagaaagtgg	gtttgaggca	tgagccacca	cgcttgcca	aaggatttaa	tgaattaatg	120
gatgtacagt	gctggggctg	ttattctagg	gcctgcattg	agactcacat	tttgccatca	180

aaagcctttt aagaggtgga ggttgcggtg agctgacatg gtgccactgc actccggcct 240  
gagtgcacaga gtgagactct gtctcacaaa aaaaataatg ccctttaaat aatgaataat 300

<210> 253  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 253  
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gatgtacagt gctggggctg ttattctagg gcctgcattg agactcacat ttgccaatca 180  
aaagcctttt aagaggtgga ggttgcggtg agctgacatg gtgccactgc actccggcct 240  
gagtgcacaga gtgagactct gtctcacaaa aaaaataatg ccctttaaat aatgaataat 300

<210> 254  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 254  
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catcagattc agcagaagca attgaggctt ttcaactaac tcccaacag caacatctca 180  
tcagagaaga ttgtcaaaac cagaagctgt gggatgaagt gctttcacat cttgtggaag 240  
gaccaaattt tctgaaaaaa ttggaacaat cttttatgtg cgtttgctgt caggagctag 300

<210> 255  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 255  
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agacctgtga atgtctgagt gggaaaagag tggatcgat tcccagcag ctctcttctt 180  
cctgacaatt ggcagcttca gttcattcca tcagagttca gaggtcagtt accaaaacct 240  
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<210> 256  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 256  
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ggattcagaa tgtattttat gaataatatg cagagatgca tattaggaat gtgaagccag 180  
aatgggtcag ttgtagctgc tgcaaagttc tgtagctgat ggtcatttaa ttgcatggg 240  
gttattttat ctttcatgat tgggtgcac ctgatgctgg cggggatttg tgtgtttttg 300

<210> 257  
<211> 300  
<212> DNA  
<213> Homo sapiens



&lt;400&gt; 257

gccaggtgta	ttagatctt	ttagatgtag	tttaatgaag	agtttatggc	ttaaagtgag	60
acagtattac	ttcagagctc	agcttctctc	cttggaattt	ctctcagcaa	atgggagaag	120
taacgtctgc	ccttcggagt	tggtacaagg	agacaagata	aacacagggg	ccaagtgtct	180
ggtaaagtgt	aagtgtgtt	attagagtca	gggtgtctag	tcacagggtcc	tcaacagata	240
cagctttggc	agtaggaggt	gcagctgacc	tgagctgttt	ttaaattaaa	attaaagcca	300

&lt;210&gt; 258

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 258

atttgatgct	acaaagagct	ttgttgaatc	ttcagaaaaac	aaaatctgaa	gggcagagcg	60
aaggaatgct	ggcatttttg	aaaccctttt	gaggcttatg	ttgtcatgtt	cataattcag	120
ccgatagaga	aaaaaccgag	aaactgtaga	ataggctatc	caacttccac	atggggagat	180
acagctacag	ataatgttct	caggaccctt	tgtcttttag	tgtagtaaat	gatctgcatt	240
tttagagagt	ggaagagtat	ccccattctt	gcctgttgca	actgtggatc	ccagtcgcca	300

&lt;210&gt; 259

&lt;211&gt; 291

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 259

ctacacagtt	cccattcatt	accttaacat	tgtactgaga	gagacccagg	tctgacctgt	60
atagcagttt	gagtcgaggg	gctgtcaaag	gggttgccaa	agtcactctaa	aggacttggc	120
aacagaagta	gcattatgac	ttggatccac	ttctttatag	accaatattg	gcagccatga	180
aggctggctt	gtcctgggtg	cggaattcag	ttttagtggc	tgaatgcaca	gacagcagga	240
agagagaata	ggggacaatg	aacaacagag	agagaagaaa	tgtagtgtgt	a	291

&lt;210&gt; 260

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 260

tgtacttatt	cttgattgcc	acgtctcatt	tggattcccc	agactctgat	tagaggcact	60
gccaccagga	gagattttat	ctaaccaata	gtacttccag	gaagatcctc	acccttgtac	120
tttcaagaag	cacttgtaat	taatgttcag	cttcctgaac	actgagtggg	acttgaaaat	180
ctctgtgggt	tatagcctta	caaaagctac	tctggagggt	gaggcaggag	aatcgcttga	240
acctgggagg	cagagggtgc	agttagccga	gatcacgccc	ttgcactcca	gcctgggcca	300

&lt;210&gt; 261

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 261

ccggacgcag	gccctcgggc	aggagcatct	ggcagagtgg	ggggcggtgg	aggcaccctc	60
ctttgcaggg	cgaggtgggg	cctctgcagc	catcctggac	aggccggggg	ggcggcagct	120
ttgcccacgt	ggaagcgggg	tgggtctcac	ttgcgtgggt	gccccctggc	ccatcttgcc	180
tgetgcggcc	tggggagcag	gcgctgggtg	gtggttctgc	ctgcttgctg	ctcggtcccc	240
gggcatgcgt	gggcagcggg	gggcatgcgt	gggcagcagg	gggcccgtgg	cagcgggggg	300

&lt;210&gt; 262

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 262  
 gcatcctctg atggcactgt aaagatctgg aatatgaaga ccacagaatg ttcaaataacc 60  
 tttaaataccc tgggcagcac cgcaggggaca gatattaccg tcaacagtgt gattctactt 120  
 cctaaaaacc ctgagcactt tgtgggtgtgc aacagatcaa acacgggtgg catcatgaac 180  
 atgcagggggc agattgtcag aagcttcagt tctggtaaaa gagaagggtg ggactttgtt 240  
 tgctgtgccc tctctccccg tgggtgaatgg atctactgtg taggggagga ctttgtgctc 300

<210> 263  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 263  
 atttctactt gagctaaggt agtattgtgt atcctctttc cttcttaggt atccataatc 60  
 cacaaagcat atttaaaagg ctcttggcac gggcagcatt ggttgagcag gtaggtttgg 120  
 ctaggggggaa atgtttaact tgttctgaaa gaaaaactta tgtctgtagg gtccaagaaa 180  
 cagctattcc agagtcagtg tcagctgagt ctggaacata tgaagtgagg ttactttcta 240  
 agaacacaag tgactgcaca ctaattttgt caaggcatct tttcactact ttgctgtaga 300

<210> 264  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 264  
 gctcttgggt tttatgtccg ctgcttcttg gttgcogaga cagagagatg gtggctctcg 60  
 gccagcccct cctctccccg ccttctggga ggaggagggt acacgctgat gggcactgga 120  
 gaggccagaa gagactcaga ggagcgggct gccttcggcc tggggctccc tgtgacctct 180  
 cagtccccctg gcccggccag ccaccgtccc cagcacccaa gcatgcaatt gcctgtcccc 240  
 cccggccagc ctccccccact tgatgtttgt gttttgtttg gggggatatt tttcataatt 300

<210> 265  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 265  
 gactttotaaa tatatcttgg atataatagg tgataagttc tgtcaattag taacatctga 60  
 aaaaacagct ttgtcctggg tgaaaaagga tgccaaaatt gcctggaaaa gagcagtga 120  
 aggagtccgg gagatgtgtg atgcatgtga agcaacattg tttaacattc actgggtctg 180  
 caaaaaatgt ggatttgtgg tctgcttaga ttgttacaag gcaaaggaaa ggaagagttc 240  
 tagagataaa gaactatatg cttggatgaa gtgtgtgaag ggacagcctc atgacacaa 300

<210> 266  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 266  
 gtcacctcca ctagaggggg ataaaaagga taataggaaa tcagaatatt ttgatttgta 60  
 gttcaactgt tgatcaatta tctttgagac ttttaacatt catgactaag gaggattaat 120  
 aattaacatg agctgtagaa ttaaggtttg tatggcatga taagtataaa ccagtttttg 180

gaccgctata attctaaaaa agcaggtaga ctagatgatt agttgtacac ttattactgc 240  
taattcttga ttgtagaaca aattttccta tgaaaaccat gttgtgtatt ttatatctct 300

<210> 267  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 267  
gatctctata ctagtgaaca gtgccagttc cacactttgg acttagaact gttctctagt 60  
tattgtaaca cagaatactg tcaatcccta atttacttaa tgttacttat tggaagtggg 120  
gctgatgaaa tacgcacagg agggaaatct actgtgttta ggcacaggca gcccagtggt 180  
ataaggagat catattccaa aagggtgtca gttggtgttt tgcaacctgg aatgtatatt 240  
ccttttagaga ccaggttatc catggtgggt aggccctag agcagctgga aaagatgac 300

<210> 268  
<211> 276  
<212> DNA  
<213> Homo sapiens

<400> 268  
gaggccactc tgctggccac ctccagtggg tgctgaccac aggatgggct ttgggtacac 60  
tcattttcac cctgattctt gccccactt tcataaaaga aacttcaaaa tgctgacgct 120  
ttggagagta agaaaatcaa tcttggtctg gcacggtggc tcctgctgt gatcctagca 180  
ctttgggagg ctgaagctga aggatcactt gagctcagga gttggagacc aacctggca 240  
acataacaag accctgtctc tacaaaaaaa aaaaaa 276

<210> 269  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 269  
gctgccacca cccccgggcc cagcctgtct gaaagttcag ggtttaggcc gagaaacctg 60  
gtggggaggg gtggggagcc ggagctctgt ggcggggctg gagggctggg gtgcacttta 120  
gtttggggcg ggacgggagc cgccgttgtg actggcgtgg tctggctgct gctcccgaac 180  
ggaggggtcg gggttggctt gctgggccct cagagcccag tgggtggctc tgactcggct 240  
ccctactccc tgcaccagc tgggcgcagc cttggggcct gcggtctgaa tgtatccctc 300

<210> 270  
<211> 300  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1) ... (300)  
<223> n = A,T,C or G

<400> 270  
gactcatntg cagtgttgtc agaaacaaat aataaagccc caaaagataa actagttgaa 60  
aaaactggca aaatctgtat acgtggaaat ttaccaggac agagactgaa gaataaagaa 120  
aatgagtttc attgccagat catgaaatcc aaagaaactt taaagaagat gagttgtgta 180  
aatggaactg aagggaggga agagctgcct tcgcctggta caaagcacac atgtgtatac 240  
acatgggtca agcagtgtgt gtctgtggct gcctgtccag aggaatggaa atatcctttg 300

<210> 271  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 271  
 agtggctgga taaaaggatg tgtgggaaag aactgagttg aaattaggag ttagaatttt 60  
 attcttttggg actaagggaat cattgaagat tttaaaatta gggctgacat aatcagattt 120  
 gagtttggga acctatagtt tgggactgga ggaagacagg tgccagacac cagttaaaaa 180  
 gctgttattt tctaagcagt agacaaaggt ttacactgac aatagctgtg gagatagaga 240  
 aaagctgcga gatttcagag ttttccaagg tgtaaacaac taaattttgt gatcaaaatg 300

<210> 272  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 272  
 ggaacctact agatggacag gctgaggtgt ttggcagtga tgatgaccac attcagtttg 60  
 tgcagaaaaa gccaccacgt gagaatggcc ataagcagat aagtagcagt tcaactggat 120  
 gtctctcttc tccaaatgct acagtacaaa gccctaagca tgagtggaaa atcgttgctt 180  
 cagaaaagac ttcaaataac acttacttgt gcctggctgt gctggatggt atattctgtg 240  
 tcatttttct tcatgggaga aacagcccac agagctcacc aacaagtact ccaaaactaa 300

<210> 273  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 273  
 ctgggttttga ttggtcagat tcttttttca ctagcggcgg tttttctttt atgtcttggt 60  
 ataaagaagt atctcattgg accctattat cggaagctgc acatggaaag caaggggaac 120  
 aaagaaatcc tgatcttggg aatatctgcc tttatcttct taatgttaac ggtcacggag 180  
 ctgctggacg tctccatgga gctgggctgt ttcttggtg gagcgtcgt ctcctctcag 240  
 ggccccgtgg tcaccgagga gatcgccacc tccatcgaac ccatccgcga ctctctggcc 300

<210> 274  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 274  
 ccaagactca tttgtttcat tcacattcct cacgtgcaac aacataatta tattttaaga 60  
 aaatgtaact ttgttacatc aaaatatgtt gtctagtaaa aagttgatat tcagtagaac 120  
 aaggatcatg taaataaaca tctatttcac atgtacccaa aagcatttaa aaagcagaat 180  
 ccagggccca gagcatgagc cagggaggag gatgtttttc ttcttttctc tatttttccc 240  
 taaattgtgc aaacataggt gagtctctta acctttctgt gctcagttt ttctacctct 300

<210> 275  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)

<223> n = A,T,C or G

<400> 275

ccacgactca	tttgtttcat	tcacattcct	cacgtgcaac	aacataatta	tattttaaga	60
aaatgtggct	ttgngcatca	aaatatgttg	tctagtaaaa	agttgatatt	cagtagaaca	120
aggatcatgt	aaataaacat	ctatttcaca	tgtacccaaa	agcatttaaa	aagcagaatc	180
cagggcccag	agcatgagcc	agggaggagg	atgtttttct	tcttttctct	atttttccct	240
aaattgtgca	aacataggtg	agtctcttaa	cctttctgtg	cctcagtttt	tctacctcta	300

<210> 276

<211> 263

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(263)

<223> n = A,T,C or G

<400> 276

gtggcaactt	gatgaaacag	ccaaatgcac	cagggcaggt	cactttccca	ttacactgat	60
tccacaatta	aaaaaaaaaa	aagaaaaaaaa	actcattgaa	atagctacag	ttctataggt	120
taatttaaag	cctccttttt	ctactcattt	ttgaaaccaa	aattacattt	tactatttta	180
cataaccagt	gaaaagacgt	tgaaagccta	cagnnnnnnn	tntttggngc	tctgaaaatg	240
ntnangnnnn	ntntntnnnn	ttt				263

<210> 277

<211> 300

<212> DNA

<213> Homo sapiens

<400> 277

tcactacact	taaaaataca	agggacatgt	taggcaatca	gatgctttgt	agaaactgag	60
ctattttgtc	gcctggcgcg	gtggcccaca	cctgtaatcc	cagcactttg	ggaggccgag	120
gcagtggctc	acgaagtcaa	gagttcaaga	gcaacctggc	caagatgggtg	aaaccctgtc	180
tctactaaaa	atacaaaaat	tagctgagca	tggtgggtggg	tgcctgaggc	tgaagcagag	240
aattgcttga	atttcaggag	gcggagggtta	ccgtgagcca	agatcgcgctc	acagccctcc	300

<210> 278

<211> 296

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(296)

<223> n = A,T,C or G

<400> 278

cctgtctcta	ctaaaaataa	aaaaatgacc	tgggcatggt	ggtgggcgcc	tgtagtccca	60
gctactcggg	gcgctgaggc	aggagaatcg	ctcgaaccca	ggagggtggag	gttgacgtga	120
gccgagggtt	cacaattgca	ctccagcctg	gcgacagagc	gagactcgctc	tcaaaaaaaaa	180
aannnnnnnn	nngggnaanc	ntnnnantgg	ggnnnccact	tgccttttgc	cnggnnnncc	240
cangttntnc	ctngttttcc	nggnatttta	ncccccttcc	atttttgana	aaagac	296

<210> 279

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 279  
 ctggctcaga tgtgggatgt gatatgaaga atataaatga tgggtgtggat gtcaggggtga 60  
 gggaggagac aaaaccacga tgaccacctag ctttgtggcc tgaactgtgg gtggctgagg 120  
 ggatcgttaa ttgaatgggg cagactgagg cttgtgagga agatcagagt ctggttcttg 180  
 acatgagatg cccttcagac atctcttcac tcaggtccaa ctagggatac agaaacactg 240  
 aatatttcaa cagcagaaat tgaatggggg gattgatagc gctggcgagg gaagcagctg 300

<210> 280  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 280  
 gaaatataga gagatgtggg atttgaatgc ccatgaaaga cattttatct tacttgaata 60  
 tattcttgct tcactttacc ctccataata tgttgtacat tagtgctgat caagtttaca 120  
 gagttacatt ttgctttcct aaccattcag tcaggaatta aaatatggca ttgtataaca 180  
 actgggaaga agctcatagt ggatataaat tagagtagat aatgggtcac cttgatagcc 240  
 tctgtttaca ttacttgtat atgggcaaaa taattattac ctatacgtgt atttaagctt 300

<210> 281  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 281  
 atcttttaggc tccgtgtgtg aaatgcagca agcctgcccc cagcagcctg tgggctaata 60  
 ctgagctggt ccttcgttta ggtacacagg tgaccctgaa gttcccactc ggccctctgt 120  
 tttctgagtc ctgtctcttc tgtagcacag tggggattgt tctgaaccgt ggcacgcctt 180  
 cttggcgagg caggctctct tatggaacca tagtctgtta cctcatttct tccaactgct 240  
 ctgtccccta aatgtgtgtt cccagggtgca gtgcagcaag ggtgctcgct gttggccttt 300

<210> 282  
 <211> 261  
 <212> DNA  
 <213> Homo sapiens

<400> 282  
 cctgtttcca ggagatatgt gtgtccatca gcagtataa aaatcttggg cagggtgttat 60  
 tgcactgttt gtatgattca gaccaccta ctctgctgga aacaagcagg ttgttgctta 120  
 cttgcctttc ccaggcagaa gtggccagtg tttgggttga aaggatccag gaacatccag 180  
 ctatttatga tagcatttgc ttcattatgt caagttcaac aaatgttgac ttgctggtga 240  
 aggtgggaga ggtgtgggag g 261

<210> 283  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 283  
 gaaaggtggc ggccttctca cggctgagtt gctgcgcctg cagacggaag ctccccacag 60  
 gcagagctgc ttggatgtgt gagtcataa gccagagaag ccccgctcca tgagcagtga 120  
 ctccccaggc cctgtgacct cctcctgtc ttgcagctcc tcctggcacc agtccccagg 180

gctctcctgt	tggtagttcc	tgcttttctt	cttggaatt	cctcgtggac	ctcgagatct	240
ttaccctaaa	atagttctgt	tgaatttcac	cctggcaatg	taaattgata	gcttatcttc	300

<210> 284  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 284						
gaagacacca	gtggtggaat	cgagtgtttg	gccacagttc	gggacctatg	gtagaaaaat	60
actcagtagc	taccagatt	gtaatgggtg	gcgttactgg	ctggtgtgca	ggattttctgt	120
tccagaaaagt	tggaataactt	gcagcaactg	cagtaggtgg	tggttttctt	cttcttcaga	180
ttgctagtca	tagtggtat	gtgcagattg	actggaagag	agttgaaaaa	gatgtaaata	240
aagcaaaaag	acagattaag	aaacgagcga	acaaagcagc	acctgaaatc	aacaatttaa	300

<210> 285  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 285						
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catgtccaga	tcagcaatga	gtcggcaatt	gacttctaca	ggaagtttgg	ctttgagatt	120
attgagacaa	agaagaacta	ctataagagg	atagagcccg	cagatgctca	tgtgctgcag	180
aaaaacctca	aagttccttc	tggtcagaat	gcagatgtgc	aaaagacaga	caactgaaca	240
aattacaaat	gaactttctt	gcacttgctt	gtcgccaaat	aaaagagagg	cccattgatt	300

<210> 286  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 286						
ctaaaatgtt	aaatcatgtc	ttaaaccatct	gtgaaaaaga	tggtactttt	gacaacattt	60
atctgcatgt	ccagatcagc	aatgagtcgg	caattgactt	ctacaggaag	tttggtcttg	120
agattattga	gacaaagaag	aactactata	agaggataga	gcccgcagat	gctcatgtgc	180
tgcagaaaaa	cctcaaagtt	ccttctggtc	agaatgcaga	tgtgcaaaaag	acagacaact	240
gaacaaatta	caaatgaact	ttcttgact	tgcttgctgc	caaataaaaag	agaggcccat	300

<210> 287  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 287						
aagtaatacg	tcctttcacc	ttttctttca	agatatttct	gcattaaatc	atcctcagta	60
tatttttttg	aaagccaagt	tttcccaaag	ctcctcattt	cctcatctcc	ctctgtgcc	120
ctggtttttc	agttgctggg	ggctacagac	cctctctcta	gaaagatgga	catgtgaaca	180
taagcactgc	attttgcaca	caatttccgt	ggttcagaaa	ccacctgaac	ttttccttct	240
agaggaccct	gcttaaacac	ttccattcta	gggtgtccag	cccattaaga	tggccaagaa	300

<210> 288  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 288

actttataaa	taaattatat	gtctgatact	agccttccat	tgcttggatc	acatctgatt	60
gtcctggtaa	tttgagaaaa	gggtagcccc	ttggtatgga	tagtagcttg	atgacatgga	120
attcagggaa	aagactatga	tgggtgtcact	tgtaactgct	tttgtgctgt	aaaattgtca	180
tggattaaga	agagagttgg	ctgggtgcgg	tggctcacac	ctgtaatcct	agcactttgg	240
gaggccaaag	taaggactgc	ttgagcccag	gagttccaga	ccaacctggc	caacacagcc	300

&lt;210&gt; 289

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 289

ttactgactg	caacaacttc	agattatacc	tcttctactc	caagtgcttt	caaagaaagt	60
cctctgccaa	gacaaattca	ttacgttttt	tccctctacc	tgtttgcttt	tattctcttt	120
tgtatttcat	cttctcatct	agattgaata	atctttgaga	gcacagatgt	ttattttatat	180
ttttcctttc	catttctact	cagcatgagg	tgtccattga	acaaacttga	tgaattttta	240
ttgcttaata	tcttgctaga	ggtggggaga	gaggttgggg	gcggttaagg	aactatcagc	300

&lt;210&gt; 290

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 290

ccactgcgtc	cctttgcgtt	cagccctccc	tctggctttc	agttacacca	agctaaaatt	60
tcaggttccc	agctgcagct	ctctgggtcc	cccggtgccc	cagtggggct	ccccgcctct	120
gaatgtgtgg	tccctggggg	tgggcacttg	ggggcactcc	ggtcactgct	ggccctagca	180
ttggacccta	ggagacctga	ctggaactgg	ctccctcccc	atcagctccc	agctgtcact	240
ctctcccacc	cccgggcagc	tgttttgccc	aagaccactg	ctacctgttt	accacacctg	300

&lt;210&gt; 291

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 291

aataaacgta	tgtgttcata	ttcgatcacc	gaaatgagag	ttcttaattg	ctaattgaca	60
aacgcgttag	caatttcagt	tagggagtca	tctcccttga	ttgtgttctt	ttcctgtcaa	120
ttttcataga	cctaatttgc	aaactcaatc	ggggactaaa	atttcccact	gaaaatgtta	180
aacatttttag	ataactgtga	agatagttta	tttttattcc	ttgccaatct	gggaatatgc	240
ctttttnnnn	nnnnnnnnnn	nntntttaag	tgctgtatta	ataatacttt	ctgaaagaaa	300

&lt;210&gt; 292

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 292

cgccagagca	gcagtgggga	acatcttctt	gtctgctgga	cacctgattg	ggccggttct	60
ctgccattcc	ttctgcaatt	acatggggtt	cccagctggt	tgccgcccct	tggagcaccc	120



```

acagaggcgg cccctgctgg caggctatgc cctgggtgtg ggactcttcc tgcttctgct 180
ccagccccctc acggacccca agctctacgg cagccttccc ctttgtgtgc ttttggagcg 240
ggcagggggac tcagaggctc ccctgtgctc ctgacctatg ctccctggata cgctatgaac 300

```

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<210> 293
<211> 289
<212> DNA
<213> Homo sapiens

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```

<220>
<221> misc_feature
<222> (1) ... (289)
<223> n = A,T,C or G

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<400> 293
ctgcgctatc agcgcaaaga acctcccgac agtgccactg accccacctc cccccagccc 60
cacagctggg tctggctggg cactgaccag gaggaactga gccgccagct ggaccggcag 120
tcccctggcc cgcccaaggg ggaggggagc tgcccctgtg agagtggggg aggaggggag 180
ggccctaccc tggcccctgg ccctcctggg ggcaccacca gctcctcaag caccctggcc 240
cgaaaggagg ctggggggcg gcggaagcga nnnnnnttg ngacatttg 289

```

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<210> 294
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 294
cagagctgtg atctgcccc aggtattctg acccccaaac tggctctcaa ccatgtttac 60
atgatgaaaa gaagaggtga ctgttgatc agctctaaag gcctcacttt tggtgaaatg 120
ggacctaaat ttgattgcat acttgattac ttgctgtcaa tactgaaatt ggcacttcat 180
aattttaata ctattgaact ttcaccataa ccctgtccta taaagttagc ttgcaaatga 240
agaaactcta tctcttcaat attataaaat atatccaaga gtcacaacta gtgagaaaag 300

```

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<210> 295
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 295
ctttccatt cacttctcta gaaagctgcc aagacagagg cagaaagaaa tggatgatag 60
ttctgtcaag cacacttctg ttctcttaga acttagaagt gtttctaaga gaacagaagt 120
aataagagaa acagttacgt gtggaattca acatctttgg ttggaacgca ttggcttttt 180
ttttcttgtt ttgatagaaa tggaaattaag caaaagtagt ttttgtcttt tctgttgctc 240
tcaaattcca tgccttttat ttttaattta atcccgttca aataacttaat tgttatacat 300

```

```

<210> 296
<211> 300
<212> DNA
<213> Homo sapiens

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```

<400> 296
gttttgttct cttctttgac tattaaaaag ctccagtcca aatattttcta acatatggca 60
agtgtttctg tgtaccttac aagtctatat ataaattttt cttctcttga cagggtttta 120
tctatattta gcaagtcacc cctaattctt ttagaataag gcagaaaata aatcaacgta 180
aaggttgaga ccaagccaga gacagctggc caaagtagct gggtcagggg tataacctgc 240
aagttgccaa cccagcgcat tcttctcacc cttcttccac cctacgaaag gccatatctt 300

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<210> 297  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 297  
 cgacagctct ccaataactca ggttaatgct gaaaaatcat ccaagacagt tattgcaaga 60  
 gtttaatttt tgaaaactgg ctactgctct gtgtttacag acgtgtgcag ttgtaggcat 120  
 gtagctacag gacattttta agggcccagg atcgtttttt cccagggcaa gcagaagaga 180  
 aaatggttga tatgtctttt acccggcaca tcccccttgc ctaaatacaa gggctggagt 240  
 ctgcacggga cctattagag tattttccac aatgatgatg atttcagcag ggatgacgtc 300

<210> 298  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 298  
 tttctccatg ttggtcaggc tggctctgaa ctaccgacct caggtgatcc acccacctcg 60  
 gcctcccaca gtgctgggat tacaagcatg agccaccgag cccggcctcc ctgttccagt 120  
 tttctataat ctgttcatat tatattctgg gtatatgtgg gtgggtgtgat tatccatgtg 180  
 gtcttatttt cacattcttt gcattaacta taatgtactt aatgttttaa gataagtttc 240  
 attctacaaa gatgtatgta caatacctgg tatcaggtaa caatcttaaa aaaaactaat 300

<210> 299  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 299  
 cttcagcatt cagccacttc gtttcagtgg catctgtaat atactcttta atatgaagat 60  
 gttgaattaa aagtcaaaat actgatgtga gttgacctag tctcaaaggg taaaagatta 120  
 tttttccagg gagcaaatga gaagggtggg tgcacgagcc ttttgctgaa cagttggagc 180  
 cgtgtccagg tggaggtgcc aatacagaat caggattggg gggcacacgg agaaacaggc 240  
 tatggccctt gagggctgaa ccccccaggg tgagggtgca gatgctgccc ctgcttcggt 300

<210> 300  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 300  
 gctttttggg acagtagaaa ttttcacatt aatactgtaa attctgtacc atattttgac 60  
 acctgctaca tctgattcaa atgogggaaa aaataccatg tgtgcataat gaaaaatcat 120  
 tcatttttcc ctttcttacc ccagcaggaa tagaaagcaa ttccaagcca ctctgcaaat 180  
 gtatccaagg ttagagattc gggagctggc caacatctta caccctaaat gactgaagca 240  
 tttcagtagg ctgactggct cgaaataaca atttaagaaa ggggggaaaa aacctacagg 300

<210> 301  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 301  
 gaaatggatg atagtctgt caagcacact tctgttctct tagaacttag aagtgtttct 60  
 aagagaacag aagtaataag agaaacagtt acgtgtggaa ttcaacatct ttggttgga 120

cgcattggct	ttttttttct	tgttttgata	gaaatggaat	taagcaaaag	tagtttttgt	180
cttttctgtt	gtcttcaa	tttatgcctt	ttatttttaa	tttaatccc	ttcaattatt	240
taattgttat	acattgacat	taactgctgt	attttgactt	tgttcaataa	ttttgttctc	300

<210> 302  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 302						
agtaccaga	gttgcgagga	gttttttaac	tgatttagcc	aggtggcaat	catgagtga	60
tggatgaaga	aagggccctt	agaatggcaa	gattacattt	acaaagaggt	ccgagtga	120
gccagtga	agaatgagta	taaaggatgg	gttttaacta	cagacccagt	ctctgccaat	180
attgtccttg	tgaacttcct	tgaagatggc	agcatgtctg	tgaccggaat	tatgggacat	240
gctgtgcaga	ctgttgaaac	tatgaatgaa	ggggaccata	gagtgaggga	gaagctgatg	300

<210> 303  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 303						
accagtatca	gatttgtgat	taatcgcat	actgtcaagt	cctcatgcag	gccagtcaga	60
cttctgtgtg	tgttccctca	ccttccattt	aagtttcagc	ctttatctat	gtccttttgg	120
gtgtctgcca	tgctgatgat	agagctcatc	agtctttgat	aaatactgtt	aggtccttaa	180
gtgattttct	gtgaaatctt	acgcatagga	tttctgtggt	cagggtttga	cgtctgatct	240
tgttcgtcag	atccccttgc	tcaagaatgc	aagtgcatta	cctcttaaat	tttaaaagct	300

<210> 304  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 304						
attggagttg	aaattaacat	ttcaaaagtt	tttcgtat	ttttatggca	gatgatttgt	60
catttattta	tattaggttt	tactgcctat	tgagacaacc	aggtgcataa	ttgattgccc	120
tttggccata	aaaatgcagt	gtcatggatc	ttagagctaa	aaaggactgt	aaaaattacc	180
cagaacagcg	tcctcagact	taaccttctg	caagttatgt	ctgtatataa	gaagattcta	240
attgctaact	gtttataact	ttctgaataa	aatagttgtt	tcctaattaa	aaagtagcca	300

<210> 305  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 305						
gtggaactgg	ctcaggctgg	attactcttg	ctgctgtctt	gctgtactgt	atgccactgg	60
gatctgaaca	ctaaacattg	ctaagaaacc	caccacccac	caggatattt	ggaagtaact	120
tcacatatgg	aaaagttaaa	gactcagtct	ctgagaaaac	aattggactg	atgcgaatgc	180
agttttggaa	aaaaactgtg	gaagatatat	actgtgacaa	tccaccacat	cagcctgtgg	240
ccattgaact	atggaaggct	gttaaaagac	ataatctgac	taaaagatgg	cttatgaaa	300

<210> 306  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1) ... (300)  
<223> n = A,T,C or G

<400> 306  
cacttggtg agatccaatt tatctcacct tctgatagtt ttaaaagaga agtaatttta 60  
atttacatta actttaaaat atttgtatgc caaacactag ttatttttgag gggatcgaaa 120  
caaatcatag cagagataag gaactttcat actttgggag gatttttttt aaataactgt 180  
atgtttactc taagtagata tgtgtatgca tgcattcact tatgatatgc acannnnnnn 240  
nnnnnnacac acacacacac acacacacag aaatttatgn ngcctttaan aatcttgga 300

<210> 307  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 307  
agaggtggtg gtctggccac ataggtacct ctgtggctct ggtctggggt tagacactgt 60  
tagggactag catttattgg acttgtaaag acagcacctc agaattagta actacttgca 120  
ttttagggtc tgttttatga agccaacaag tgaatgtaaa ataggctctg catcttttct 180  
gagagccctg tcaactgggca gtgagcattt ccaaaattgc agctctgtca gaatgaacca 240  
tgaatactta agaaagggaa agtaggaaca gggagcagag caaagcataa cttgctgtgt 300

<210> 308  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 308  
cttctgttga ttggtttgtt taaagtacct aagtactacc ctttgactcc ctaccaaag 60  
ttcttttgtt ttttaacaa cttttatttg tgacttactt tcttgagaag tgttcttaat 120  
gaattgcata aaatagtggg agcagcttat ttcttaagta ctttattatt tgtgctttac 180  
catttcaggt tcttatcttt aacccttatt tactcagttt tccatctgaa tgatcctatc 240  
tctaaattaa ggatttaata aatgctgcaa attgtccact ttgcaaattg tccaaaagct 300

<210> 309  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 309  
ggctcagagg ggttatgatt cggaggggtc tgccgcacgg catgggccgg ggcctcttga 60  
cccgagggcc aaggcacgcg cagaggaggc ttttctctgg gtaaagttga ggacgacaga 120  
gggtattgtg gttctgggtt gtccccaacc tccgactgtg tgccttcag gacccgaaac 180  
catggccac actggcagga cagtgggtcg gcttggggaa gggggttagc ttacctacca 240  
gagcttgtag gggctgtgca ggtgtatggc tccaaggcg gcccttttca ggtggcaggt 300

<210> 310  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 310  
gggaccagaa catgaccggc tgggcctaca aaaagatcga gctggaggat ctgaggtttc 60  
ctctgggtctg tggggagggc aaaaaggctc ggggtgatggc caccattggg gtgacccgag 120

gcttgggaga	ccacagcctt	aaggtctgca	gttccaccct	gcccatacaag	ccctttctct	180
cctgcttccc	tgaggtagca	gtgtatgacc	tgacacaata	tgagcactgc	ccagatgatg	240
tgctagtcct	gggaacagat	ggcctgtggg	atgtcactac	tgactgtgag	gtagctgcca	300

<210> 311  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 311						
acaagaagcc	atgaggccat	agggagaagc	tccctctccc	cttcatcttc	tgctccaaag	60
gtggtagcaa	gaggagtacc	cagttagggg	ttggagcccc	catataacat	cttctgtca	120
gaagactgat	ggatcttttt	cattccaacc	atctcccttt	ccccgatga	atgcaataaa	180
actctgtgac	accagcaacc	attgtctctt	agaaatgggt	tttctgatca	tatggctgat	240
gtgttatggg	cagcatggat	gtcttcattt	gttgcttctg	tttttcatct	tttttgtttt	300

<210> 312  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 312						
aaagaatcca	atttttagagc	tgctaaaaaa	ctctttggaa	gcacctttgc	atttcatggc	60
tcacagattg	aaaactggca	ctccatcctg	aggaatggtc	tggttggtgc	ttctaataca	120
ccgattgcag	ctccatgggtg	caatgtatgg	aagtgggaatc	tatcttagtc	caatgtcaag	180
catatcattt	ggttactcag	ggatgaacaa	gaaacagaag	gtgtcagcca	aggaccgaag	240
ccagcttcaa	gcagtaaaag	cagcaataca	tcacagtcac	agaaaaaagg	acagcaatcc	300

<210> 313  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 313						
gggtgttgga	gcagattgta	gttgatccac	agcaaagagc	atcaccaaag	ccattccagg	60
aggaactaga	tccaccactt	cctctgctgg	gcatgctcca	aaaatggttg	tggttccag	120
agaggactcc	aaaagaaagc	acaaaaacta	gacagtggga	gggcataccc	aaaagccctg	180
agtttctgaa	aaaatattga	aagtttctat	ggtgaaatag	gaagttaatg	tgcttaggaa	240
gaaaaaagtg	gtaatgattc	aaggaaacat	aatcacacac	ggtttttagtt	ttaatggaca	300

<210> 314  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 314						
ggcggaggag	cagaagctca	agctggagcg	gtcatgaag	aaccoggaca	aagcagttcc	60
aattccagag	aaaatgagtg	aatgggcacc	tcgacctccc	ccagaatttg	tccgagatgt	120
catgggttca	agtgtctggg	ccggcagtg	agagttccac	gtgtacagac	atctgcgccg	180
gagagaatat	cagcgacagg	actacatgga	tgccatggct	gagaagcaaa	aattggatgc	240
agagtttcag	aaaagactgg	aaaagaataa	aattgctgca	gaggagcaga	ccgcaaagcg	300

<210> 315  
<211> 300  
<212> DNA  
<213> Homo sapiens

&lt;400&gt; 315

aagtatatat	gactccactc	aggggtgtaa	aagcaaccca	agcatcaaag	tctactcagc	60
taaagactaa	cagaggacag	agaaaagtga	cagtttcagc	taggacgaac	aggaggtgtc	120
agactgctga	agccgactct	gaaaagtgatc	atgaagttcc	agaaccagaa	tcagaaatga	180
agatgagact	accaagacga	gccaaaaccg	cagcactaga	aaaaagtacc	acttaccctt	240
gcccaatttc	tcaatgaaga	tctaagttag	gaaagacgat	ggaggtggaa	tcctttaaga	300

&lt;210&gt; 316

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 316

gacctatctt	gatctggata	gtaaagttag	gactttaaaa	aaggttatta	aattactggg	60
agaaatcatg	gagcacagat	tcaagacata	tcaacaattt	agaaggtgtt	tgactttacg	120
atgcaaatta	tactttgaca	acttactatc	tcagcgggcc	tattgtggaa	aaatgaattt	180
tgaccacaag	aatgaaactc	taagtatatc	agttcagcct	ggagaaggaa	ataaagctgc	240
tttcaatgac	atgagagcct	tgtctggagg	tgaacgttct	ttctccacag	tgtgttttat	300

&lt;210&gt; 317

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 317

gattgtgaca	tggtgtaata	aaggatataca	tggtgtaata	aaggatataca	tggtgtaata	60
aaggatgtgg	gagcaciaat	ccataggaat	ttgagagttt	aggaattgta	tttattatct	120
aggcccttca	ctctcagact	accctgctct	atttgaataa	tgaggcttgt	ggtgggtctgt	180
ggaaaagtgg	acagagtaga	atttgggcag	ctgctgaagg	tttgggtctct	ggaatgagtc	240
cacgttacc	taaggacagt	aatcccaaat	tgagacaaaa	actttaagaa	aaccaatgtt	300

&lt;210&gt; 318

&lt;211&gt; 298

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (298)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 318

ggggtcttgg	atggcttttc	caccgtccct	gagactgggg	ttgaggggac	tgacgggggc	60
caccaccgcc	ccgccctcca	gcgcctcctc	ccaggggtggc	tgggcctcct	gttctcaggg	120
atcacannnn	nnnnnggggn	ccaacccctt	ccggaaccaa	ggtgcangct	tangnctgcg	180
gctttctggn	tgtgtgctgg	cttctgggct	tcancctcct	gccccagccg	tccttgccan	240
ggcacannng	accatggggg	ctgggagtc	catnanagca	gtgangtggc	cccggcct	298

&lt;210&gt; 319

&lt;211&gt; 277

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (277)

<223> n = A,T,C or G

<400> 319

agaggggtggg	gtctggccac	ataggtacct	ctgtggctct	ggtctggggg	tagacactgt	60
tagggactag	cattttattg	acttgtaaag	acagcacctc	agaattagta	actacttgca	120
ttttagggtc	tgttttatga	anccaacang	tgantgtaaa	atangctctg	catcttttct	180
gagagccctg	tcaactgnan	tnnagcattc	ncnanattcg	natctctgnc	ntnatgtant	240
atgnctacnt	ttnanttntt	ttgtttcccc	ntttntct			277

<210> 320

<211> 300

<212> DNA

<213> Homo sapiens

<400> 320

aacgttcccc	cgctacatag	tctttctttt	gtgttattta	gtttaccatt	tcttttttcc	60
atcttggtat	aacctccacg	agttgtgtct	cttttggttt	ctacattata	cccaacggct	120
agcacataac	aggcacccaa	tatatactga	acgaactaag	gaatgaatga	aggaatgaat	180
gaataggtgg	cttataggaa	accctggggg	ccaggggactc	tgcaacatca	ccatgtaact	240
ttttctttgt	gctgagaagc	agagagaaac	aatagaagat	atctcttaat	ctctcaagga	300

<210> 321

<211> 300

<212> DNA

<213> Homo sapiens

<400> 321

gaggcaccag	caggtagtgg	cccctgtaag	cagggccaga	gtcgggacaa	agagcaggag	60
tgaagcagcc	aagagacaga	ggaccaggct	ggagccagt	ggcacgcagg	agcctgctg	120
ggaaaagccg	gggggcaagg	ctggcatggg	aatgaacacc	tgctggtgac	acctctctga	180
gcttcagttc	ccttaactag	aaaaatagaa	caggcccggt	gcggtggctc	atacctgtaa	240
tcccagcact	ttgggaggct	gaggcgggtg	gatcatgagg	tcaggagatc	aagaccaccc	300

<210> 322

<211> 300

<212> DNA

<213> Homo sapiens

<400> 322

gaccagaaaa	acaggtacgg	aatgagccct	ggaacatttc	tatttcagca	gaatatattg	60
cccaggtgaa	agggatctca	gtggaagaag	ttatagaagt	gacgacacag	aatgcattaa	120
aactgtttcc	taagctccga	cacttgctcc	agaaatagct	tcaaaaacct	ccattacaaa	180
atcgaatcaa	ctgcaggggc	cagcatttga	aacatagaaa	tgttctgatg	aagaatctga	240
actgaagaag	ctgttttata	gggttataga	agattgtaat	tgtagagaaa	tatttctctt	300

<210> 323

<211> 300

<212> DNA

<213> Homo sapiens

<400> 323

gtgatctgcc	tgccttggtc	tcccaaagt	ctgggaatac	aggcatgagc	caccgcactc	60
ggccaggagc	tagttttatc	agcatcctgc	tccactgcct	tcctctagt	cagcctggaa	120
gacatggcag	cgggtagctc	ctggggctga	gccagaagca	tcaactgcag	gaaagtctct	180
gcttacctgt	ctggctcagc	ttgggcaagg	gctggggccat	atgtgctcag	ggacgtgctt	240
ctcttgtaag	gcaggaggat	agaagaggac	caagaaggga	gggagctgcc	ctgtggtgca	300

<210> 324  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 324  
 gactggagaa gtcagaagta gaaaagcaga ttgctaggag agacaggatg acagattttg 60  
 gtcagaaaaat gggatattgg agtttaaagt atcaaataca gaatagttcc agatgttcag 120  
 agatccagca tgggattagg tactgaaatg gattagaact aaaagtcact agaatttaga 180  
 aattgagaac catgagagtg gatgcaatga cttgttgctt gattgaaaaa taaattaata 240  
 ataataaagg accatgagac tagcctgtta taggggttat ctccatgaac attgaatttt 300

<210> 325  
 <211> 292  
 <212> DNA  
 <213> Homo sapiens

<400> 325  
 ttcgagtgc agctcccat ctttctaaag tttccatggc aatacagcta actgaagaac 60  
 taaaagccag tgatgtactt gccagggttc tcagccaaga aagtgggggtt gccagactc 120  
 tcaagaaagg agaagttttt ttgtatgaaa ttggaggaaa tattggggaa cctgtccttg 180  
 atgatgacac ttacatgaag gatttatatc agcttaaccc aaatgctgag tgggttataa 240  
 agtctaagcc attgtacaag acttaacaag ctgcagataa ccatgtggac tt 292

<210> 326  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 326  
 gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt atacagacat ttttttttta acttgttgat 60  
 tcagatgtct tgggtccctga atagtcctag attacttatt ttgagaattc attgttaaaa 120  
 attacaggga attaaaataa ttgccttttt ttttagaggg taagagatgg gtagaagagt 180  
 atgcctctga aaatttttatt agttttattct tgtggagaat accaagaaaa tgtgtatttg 240  
 cccattgcta aatatgatat atgccatttt gtattttatt gtcccaagtg tctttttgta 300

<210> 327  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 327  
 gcagggagtt gcttgggtgg ccgctaacac caggctactc ttatttttagc ttgctaagtt 60  
 gagatcagct agacctgctt tcttttctcc tcagtcttgc atttccctca atacaagctg 120  
 tagcctcttt cctcgtttct agtctcagaa ggaaggagag ggaagccatt ctctcttagg 180  
 gactcttcag tctcatttag atgatagtcc ctttttttct acctccatat tagagatgga 240  
 gctccttctt tttcctgggt ctttaatttt gtcttctcat tcctgcttcc ctctcaccct 300

<210> 328  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 328  
 ctctggagta gctgggatta caggcatgca ccaccatgcc tggctaattt tgtattttcta 60  
 gtagagacag ggtttcgcca tggtggccag gctgggtctca aactcttgac ctccaggtgat 120



tcacccacct	cagcttccca	aagtgttggg	attataggcg	cgagccacca	tggctcagcc	180
tcatgttcgt	ttttaaaact	taggatgggtg	gctcttttac	attgattggt	aggaactctt	240
catattacga	ggcagtttagc	tagttgtctg	tgaaataaaa	tactaatgat	tgaactttct	300

<210> 329  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 329						
ggttctacca	gtgcctacac	caagagtggc	tactgtgtca	acagggttttc	ttcactttctg	60
ccaggaggca	acaggcgaaa	ctcaacagca	aaagactaca	ccatttctaga	ttgcattttac	120
aatgaggtaa	accagaccta	ctacgttctg	gatgtgatgt	gctggcgggg	acaccctttt	180
tatgattgcc	agactgattt	cogattctac	tggatgcatt	caaagttacc	agaagaagaa	240
ggactgggag	agaaaaccaa	gcttaatcct	tttaaatttg	tggggctaaa	gaacttcctt	300

<210> 330  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 330						
ggtgttttgt	tctgtagcag	aagcataggc	atactgacaa	tacaaaccga	aatcctttcta	60
acgtagtgga	ccttttcagg	ccagcatttt	ttccttgaaa	acctggagca	tgtatccatc	120
ttatagcaga	gatcactttc	acaatgtttg	ggctcttgat	ttgaattgat	gatgtaatga	180
gccctctatc	cagattgtaa	ctaattactc	tgccaattga	ctggattcca	cacccttcta	240
atattttact	tttcctcttt	tatcaactct	cattctcgct	gccatgatca	atggaccaac	300

<210> 331  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 331						
ctgtgcacac	aaattagaat	ccttgtaaaa	tggccatgat	tctgtttatg	accctggccc	60
tccaaccaga	ccagcctctc	tgccctctgg	ctttttttaga	tcactggcat	ggtttctgcc	120
tactccaggt	gccagtatta	ttttgtgaat	gttttttttc	ttcatatcta	ctcatcttta	180
tactactttc	ctcgtaaaag	gaaactagag	aacatgatct	taaatgaaaa	ccaacgatca	240
cttgccagaa	agaacaggta	actaggcttt	gaaaaaataa	gtagaggag	atagcataat	300

<210> 332  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 332						
tccctaagaa	tctcaaactg	attttttaaaa	atccggtaaa	ttagaagggg	ccctcgctat	60
tttctgtgtc	agtcttcatt	ttaaataatg	atacaaaaag	gatacgccga	gccaatcaaa	120
gacaagcttt	aacttttactt	tgaagtgttt	ctgaaatgat	aaaatgtagc	cctagccccc	180
tgccctcaat	tgtaaagtga	gcaaccattg	ctagtaattc	tttaatgtgt	ataaattcaa	240
tttcagggtat	aacaaatgtg	atcatgacat	gaaaatattc	tagaatagat	actgtattaa	300

<210> 333  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 333

ctggagggag	acccccaaaa	agaattaggg	tgctaacatc	ccacccaaaag	catcatccca	60
cccaaaatgt	tgctttttcat	tctatgtcaa	taattttaagg	tggaattttct	ctcacccctgt	120
ggagatgaaa	gtggcaaaaag	gttgtcccag	cagtgtttggg	ggatgggggtg	tgacatcat	180
tcttttgggg	gtagatgacc	tgctggctgg	tgggcttttc	tccaggacta	ctgcaggtag	240
agaccctctg	ggcttgtgtg	gagtgaggagc	agccgtgttg	ggactatggg	gaggagctgg	300

&lt;210&gt; 334

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 334

gcaccagcag	gtagtggccc	ctgtaagcag	ggccagagtc	gggacaaaaga	gcaggagtga	60
agcagccaag	agacagagga	ccaggctgga	gccagtgggc	acgcaggagc	ctgcctggga	120
aaagccgggg	ggcaaggctg	gcatgggaat	gaacacctgc	tggtgacacc	tctctgagct	180
tcagtccct	taactagaaa	aatagaacag	gcccgggtgcg	gtggctcata	cctgtaatcc	240
cagcactttg	ggaggctgag	gcgggtggat	catgagggtca	ggagatcaag	accaccctgg	300

&lt;210&gt; 335

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 335

ggaagagggg	cgccgagaag	aaggacctgc	ctgtcaccaa	aaacacgctc	aagtgcactt	60
tccggtccct	ccaggtcagc	aggctgcccc	gcagcggcga	ggctgcagcc	acgcccacca	120
tgtccatgac	cgtggtcacc	aaggagaaga	acaagaaggt	gatgtttctg	cccaagaaag	180
cgaaggacaa	ggacgtggag	tctaagagcc	agtgcattga	gggcatcagc	cggctcatct	240
gcactgccag	gcagcagcag	aacatgctgc	gggtcctcat	cgacggcgtg	gagtgcagcg	300

&lt;210&gt; 336

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 336

cagagctgta	tcttcagtgg	tgtgatgaag	ctacagtagg	ggagatcact	catgctaggt	60
atggatctcc	ttacccttgg	cctctgaatc	atattttggc	ctatcaaaaa	cagtgggaag	120
tcaaacgtaa	gatgaaagct	attggatggg	gaaagaagac	tctggaccag	gtcttagagg	180
atgtagacca	gtgctgtcaa	gctctctctc	aaagactggg	aacacaaccg	tatttcttca	240
ataagcagcc	tactgaactt	gacgcactgg	tatttggcca	tctatacacc	attcttacca	300

&lt;210&gt; 337

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 337

ataggcatat	tgacaataca	aaccgaaatc	cttctaacgt	agtggacctt	ttcaggccag	60
cattttttcc	ttgaaaacct	ggagcatgta	tccatcttat	agcagagatc	actttcacaa	120
tgtttgggct	cttgatttga	attgatgatg	taatgagccc	tctatccaga	ttgtaactaa	180
ttactctgcg	aattgaatgg	attatacacc	cttttaatat	tttacttttc	ctctttttatc	240
aactctcatt	ctcgctgcc	tgatcaatgg	accaactatg	cttataacca	caaatggtga	300

&lt;210&gt; 338

<211> 298  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (298)  
 <223> n = A,T,C or G

<400> 338  
 gcttgcaactt acacacggaa tcgctgtgca tccgacagag gctgattggc acatgggggca 60  
 cggggattgt cagctcaaac accgtcagca gcgttgccct tggaaatggg atttcccaga 120  
 acagtaaacy tgtctgtcct tgatttacag agtagctaca ttctaggaa atccagggtg 180  
 cattaact caccatgtta cccaggctgg tctcaaacct caggcctcaa gcaatcctcc 240  
 tcctgtctcc acacagacgg cttctgcacg tttgngaate tacaggncac tccttgca 298

<210> 339  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 339  
 gcagagagaa gggccgttct cggctgggtat caggcccaag agagtcaaca aaggggggac 60  
 gaaagggaga cagggaagag aacagtgggtg gggctgtaag ttgacctcca ggtggcagaa 120  
 aataaagtgt gaagaattga ctgggacaga cagccagggc cctgcaggaa gggcgggaga 180  
 ggaagcctgc ggacacctgc cctttgtgat tgaaccgcag acaccaggcc tggcgggggtc 240  
 gcttgccctcc gctgcccagg ctaaggctcc gctaagctgg tcctgagaac atacttcatg 300

<210> 340  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 340  
 ccagcccctc ctctccccgc cttctgggag gaggagggtca cacgctgatg ggcactggag 60  
 aggccagaag agactcatag gagcgggctg ccttccgcct ggggctccct gtgacctctc 120  
 agtcccctgg cccggccagc caccgtcccc agcaccacaag catgcaattg cctgtcccc 180  
 ccggccagcc tccccactt gatgtttgtg tttgttttg ggggatattt ttcataatta 240  
 tttaaaagac aggcggggcg cgggtggctca cgtctgtaat cccagcactt tgggaggctg 300

<210> 341  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (300)  
 <223> n = A,T,C or G

<400> 341  
 aagctgctag gttccagttt taatttttag ggtagttgg actctgttat gaaaagatag 60  
 gttatgggtg ggcgacaggt tgatacagtc ttagaaaaag caggtaatat caaaggattg 120  
 gaaagctagc atgcatgccc tcttacctgg gtatcttccc ccttttttcc ttttaaacctc 180  
 ttgagcctcc tataacagaa ggattatgtg cttcaaacct tcttnttttna ctgngccatn 240  
 aagtgggctn gngcccaaaa tatttacttg canaanatcn gtnactggct taaatacttc 300

<210> 342  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 342  
 agaagattgg ggatgaggag tgaggagaag gctggagacc agttagaggc taccgtagca 60  
 gcgtagagag gctgaaaatc taactagggg ggaagcagcc aggcaggctg gtcctaattgt 120  
 tgggagttgt tcagatctgg tggagaggtc attacttata gagttattaa ttataacccc 180  
 accttaattg caaagagatt caaagcagta agccatcact ttagaattta atgttctgtt 240  
 ttccttttta ttactcatt cagcagctat ttcaatgcct gctgtgtgcc aggtgctatt 300

<210> 343  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 343  
 gctgcacagt gggaagggca ctgggctgga agccctaccc atgtcagga atgtctgggc 60  
 ctcagattttt tattttctag aatgaagata cttaccccc aattgctgag atatttgaat 120  
 aaaagtatat gtgaaggatt ttgtaattat agaatgtcct acaaatatga gtagttcggt 180  
 tgctactttt ttggcgaaga aaaatattgg gatgcatgaa taatatctac ctaagggtacc 240  
 taaggttgta ttcacccat ttattgaatg ccaaggatat accagctact gctccagatg 300

<210> 344  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 344  
 ctgggaagga ataattcaat ttgattggca gatatatata atacagtagg agaataatgg 60  
 gagaaagata aattgagact agaataggta gactttaaat gcctgtctgg tttaggattt 120  
 tgaactttca aggtgtggta aatgtttgag taaaggaata atgtgtccaa agattattat 180  
 ggaattgtct ctctgcatac ctctatcgct gtttgtcaca gctgtgttct tatgtgactg 240  
 attcttctctg aagattagaa actcctcaaa gactgggtat tagagcttat tcttcattat 300

<210> 345  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 345  
 aaaaagtaaa gcttttcatg agcacaaatc ccttgcatg tttgatgtta ctgatattcg 60  
 taaaatgaat attttttgtt ttgttttgtt ttattttttt gagacaagtc ttgctttgtt 120  
 gccaggctg gagtgcaatg gcatgatctt ggctcactgc aaccctgcc ttgcgagttc 180  
 aagtgattct tctgcctcag cctcctgagt agctgggatt acaggcgctc accaccacac 240  
 ccagctaatt tctgtatttt tagtagacac agggttttac catgttggcc aggctggctc 300

<210> 346  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 346  
 agaaatgtag cacaaaatgg agaagtcgtt caaccttgac cctgtcagag ttcttatttg 60  
 aaagccacat tgctgctagt gttcttattg tgttttggat tctgtttctt gccctttttc 120

ttattagcca	agtagtaact	taaggaagca	gataagaaca	atgaattttg	gactaaagga	180
agtaagaaca	atgaaccaga	aatcagatag	gaatgtggtg	ataattgtga	catggtcaca	240
tagtcatagt	gggagctcat	gtgagtaaaa	atagcttgat	acattttgta	agaggcttgt	300

<210> 347  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 347						
caaagccgtc	ccttcaaact	cgtctttgtg	cccactgcc	tagtcaaccc	cgtgagaagc	60
acagccggcc	ctgggacttt	aggacaaggg	tctcttcgga	aagggcggag	cagcatgaga	120
aagaatggat	ccctgcagag	acccctccag	tccgggatcc	ccactctcgt	ggtaggctcc	180
ctcagacgca	gccccaccat	ggtccttcgg	cctcagcagt	tccaattcta	ccagccacag	240
gggatccct	cctccccctc	agccgtgggtg	gtggagatgg	ggtccaagcc	tgccctcacg	300

<210> 348  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 348						
actcctactc	agcccatgga	cccgatgagc	tggacctgca	aaagggagaa	ggcgtcaggg	60
tcctggggaa	gtgccaggac	ggctggctca	ggggcgtctc	cttggtcacc	gggcgagtcg	120
gcactctccc	aaacaattac	gtcatcccca	ttttcagaaa	gacctctagt	tttcagact	180
cccggagccc	tggtctctac	accacatgga	cgttatccac	ctcctctgtg	tcctcccaag	240
gcagcatttc	agaaggtgat	ccacggcaaa	gccgtccctt	caaatccgtc	tttgtgcca	300

<210> 349  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 349						
agaatgctgc	cacagatgtg	agacgggtgt	ggctttcttc	agtgggtggat	cacttttcatt	60
catcttttagg	cgacaaaggt	tggggttgtg	gttacagaaa	tttccaaatg	ctacttttcatt	120
cattattaca	aaatgatgct	tacgacgatt	gcttaaaagg	tatgttgatt	ccttgcatcc	180
caaaaattca	atctatgatt	gaagatgcat	ggaaggaagg	ttttgatcct	cagggggcct	240
ctcaacttaa	taacagggtta	caggggaacaa	aggcctggat	tggagcatgt	gaagtatata	300

<210> 350  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 350						
aaaatccggt	aaattagaag	gggccctcgc	tattttctgt	gtcagtcctc	attttaaata	60
tggatacaaa	aaggatacgc	cgagccaatc	aaagacaagc	tttaacttta	ctttgaagtg	120
tttctgaaat	gataaaatgt	agccctagcc	ccctgccctc	aattgtaaag	tgagcaacca	180
ttgctagtaa	ttctttaatg	tgtataaatt	caatttcagg	tataacaaat	gtgatcatga	240
catgaaaata	ttctagaata	gatactgtat	taaatattgc	catgtttaca	atatgtaata	300

<210> 351  
 <211> 251  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (251)  
 <223> n = A,T,C or G

<400> 351  
 cacactccag gctgagaaaag agtaattagg aggcctgagg agggggccgag gaaaggctgt 60  
 tgggggtgtgc tgggggttggg acccgagcgc ctccccctca cctcaaccag agaagagcat 120  
 ccggttgctt tttaaagctt ttagcctgcc ctagcaagga caaagcatgt tagattagag 180  
 atgcttctgc tgatcgcagg ggttcttatt tgaaaacatc tatgatgggg gaggtgnnnn 240  
 nnnnnnnnnn n 251

<210> 352  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 352  
 atccagatgg gatacctcta aacacgaaaa gaaagaagat tccattagtg aatttttaag 60  
 tttggctaga tcaaaagccg agccacctaa acaacagtc agcccttag taaacaaaga 120  
 ggaagagcat gcaccagaat catccgcaaa tcagacagtc aacaaagatg tggacgcaca 180  
 ggctgaagga gaagggagcc gcccatccat ggacttattc agggccatct ttgccagttc 240  
 ctcagatgaa aagtcctcat cctccgagga tgagcaagggt gacagtgaag atgatcaggc 300

<210> 353  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 353  
 tgtctacact ggccgagtct ctgggtctgt ctacactggc cgagtctccg actgtctgtg 60  
 ctttacttta cactcctctt gccaccccc atccctgctt acttagacct cagccggcgc 120  
 cggacccggt aggggcagtc tgggcagcag gaaggaaggc cgcagcgtcc cctccttcag 180  
 aggaggctct ggggtggggc tgctccccat ccccccaagc ccaccagca ctctcattgc 240  
 tgctggtgag ttcagctttt accagcctca gtgtggaggc tccatcccag cacacaggcc 300

<210> 354  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 354  
 cccccctctt ctaggatgag cactgtaga tcattaaagt tcctccttga gaggctgagc 60  
 cgtagccagg attggggaga gcccttgtct ctggtcagcc ctggagcatg ggatcgtggg 120  
 aaagaggagg gggaccaggc ccagggcagg ggtcagaggc ccaggccctg acttcggctt 180  
 ccagagatc tctccgcctt agttaagagc atgtgtcggg aaattcctca gagtgtcag 240  
 agtccctgta tttttatacc tttttacaat gttaactgtt cagaactgtt ttttgtaaca 300

<210> 355  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 355  
 cttggaaatg cttctagctc cggacattcg acatgaaaga aatgtgattt tgcagtgtgt 60  
 tcggtacatc atcaaaaaag acttttttgg actggatact aattctgcga aaagtaaaga 120

tgtataggca	tctggtgttt	cagcatacat	aactgaagca	tgtgaaacag	tatcatcctc	180
gtagtagag	gaaaacaaa	accctttttt	ccgtcaaaat	tggatttgta	attaaattgt	240
aagcctcgta	ggatgtatgt	tggaaattta	agtctttcct	ttggttctat	gcaaataaaa	300

<210> 356  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 356						
ccgaagcaga	ggacccggac	gatgaggctg	ggccccactc	agcctcgccc	agccctgctc	60
aagctgggag	tcccctccat	ggagacacat	cacctgcagc	cacccccaca	cagcgcagcc	120
cacggacctc	ctttggctct	ctgacagaca	gcagtgaaga	ggcactggaa	ggaatggtac	180
gggggctgag	gcaggggtggc	gtgtccctcc	taggccagcc	acagcccctg	accaggaac	240
agtggcggag	ctctttcatg	cggcgcaacc	gagaccctca	gctcaatgag	cgagtgcacc	300

<210> 357  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 357						
gacagaccgt	tgagaggacg	tggaggcccc	agagggggta	tgcgcggcag	aggcagaggt	60
ggccctggga	acagagtttt	tgacgttttt	gaccagagag	gaaagcgaga	atttgaaaga	120
tatggtggga	atgacaaaat	agcagtcaga	actgaagaca	acatgggtgg	atgtggagtt	180
cgaacctggg	gatcggttaa	agataccagt	gatgtggagc	caactgcacc	gatggaggaa	240
cccacagtgg	tggaggagtc	ccagggcacc	ccggaagagg	agtctccagc	caaagttcct	300

<210> 358  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 358						
atcacccctg	cacgttcccc	tcagctgggc	tctgcagggc	agctaagatt	gggcactgat	60
gttcctggct	tcagtcctac	ccgggttatg	cagctacggc	ttcatacata	caccagttgc	120
actaacttgg	gatgaaaatt	aagttaaaac	cagtagaaaa	tttcatccta	tgttttggtg	180
gtaaaagaag	caaatgaaca	aatgaataga	ggctgccaaa	cagttgtctc	accaactgtt	240
ccgactagct	aacaagatta	gctaggtcat	acctagtctg	aaaagaatac	tataagaact	300

<210> 359  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 359						
ctcgattcag	cattatacta	ggctgcctcc	atgtgttttt	caaagcccca	ttcaagtttt	60
acttctatgg	taaactaatt	ttacatacac	aaatcttttc	atcttctgaa	cttcctttat	120
ggctttactg	tcacccact	agtatttgat	gtcttagcta	ttactaatt	cctgatcatt	180
tcacttgtca	catcaggaac	cctatcctct	tagttctccc	attgagattt	cactgctgga	240
ctaagattat	tcttgattcg	tagtcattgg	tttctgtttc	cattcatttt	cagcactgat	300

<210> 360  
 <211> 293  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (293)  
 <223> n = A,T,C or G

<400> 360  
 ggagtttttt ttttcattat aatttttttca ggaaagaactt atggaaaaaa atatctctct 60  
 cccacctcct tttatcccca tgagacacag ttcccaactg taatcagggt aatatgcatt 120  
 tgtaagttct gatatgtgat tcatttatgt gatggcaaag ataagtctgt cttgaatgca 180  
 ggtactannn nnnngtnnac annttatncn aatntcaanc aacnntaatt nctactacnn 240  
 ngntttctga nnaagangnn ntnntcattt agatntngnn acctnctga tta 293

<210> 361  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 361  
 gtgatccgca agttgtggaa gaaatacgcc aagcaaataa agtagccaaa gaagctgcta 60  
 acagatggac tgataacata ttcgcaataa aatcttgggc caaaagaaaa tttgggtttg 120  
 aagaaaataa aattgataga actttttggaa ttccagaaga ctttgactac atagactaaa 180  
 atattccatg gtggtgaagg atgtacaagc ttgtgaatat gtaaatttta aactattatc 240  
 taactaagtg tactgaattg tcgtttgcct gtaactgtgt ttatcttttt attaattgta 300

<210> 362  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 362  
 ccaggtagct ctcaaacttc ctctcctcaatc cactcctcct tttacattca tggaaaggga 60  
 gggggaaaga agcccagtcct ccaagggtcag ccagttacac cagaagcagt gccaaccaga 120  
 atatgagccc cgccctggga cagggcacag agccctcact agcatgctgg agaggggcca 180  
 ccccaggtcc tgggtgtccc tataccagc tgcttctctt caagctggtg aagccctgc 240  
 cactgccacc acctcctccc ctaccttggg actttgtgtt taatcctgga agtcacaatt 300

<210> 363  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (300)  
 <223> n = A,T,C or G

<400> 363  
 attacctcca aatctcaagg cggccttgaa cattgagaaa gaactaccaa agccaagaca 60  
 cgtttttcaga aggaagacag cctcctccag gagcatctta cccgacctct tgtcaccgta 120  
 ccaaatggcg atccgagcaa aaagactgga agagagccga gcggcggcgc tccgagagct 180  
 ccaggagaag caggctctga tggagcagca gagacgagag aaaagggcac tgcaggagtg 240  
 gagagagcga gccagagga tggagaagag gannnnngag ctacagcaaac tctgtcctcg 300

<210> 364  
 <211> 262  
 <212> DNA



&lt;213&gt; Homo sapiens

&lt;400&gt; 364

tcaggaac	tagatgtata	tgacacaagg	attgagttta	cactaaaact	aggaaatgga	60
gttttcaatc	tatgttcttg	cctcttcata	cttttattta	ttttttgtca	tcctgcctta	120
tactgggcta	acaatgagat	aaaataaaaa	tacctttgaa	tactcttttc	cctttcatgc	180
atttaaagcc	atggaggaac	tagaccatta	gctgttgccg	tcacatgctt	agacaccagt	240
ttacttagcg	tgttatgacc	tt				262

&lt;210&gt; 365

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 365

agttggagaa	cattatgctg	gagagagaat	ataaagaaag	ggagatgttg	gaaacttctc	60
aagctgctgc	tctgtttctg	cccaaccgca	tggtgcctgg	acctgactac	aattcctaca	120
aaagtgccta	cagccccagc	ccagtgggaa	caccaagcaa	ggacttctgt	aattttttgc	180
ccacctgcct	tgatttaacc	atgcagtatt	caggggtctg	gaatatggaa	ctaatttctt	240
ctaattgtcag	cgtggccaca	acttatatac	agtatccctt	gtcctcaaga	tttttagttt	300

&lt;210&gt; 366

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 366

gatgctgttg	tgacatctcg	gagtgaggat	gatgagacaa	aagaaaaaca	agttcgagac	60
aagaggagaa	aaacccttgt	tataattgag	aaaacctaca	gcttactcct	tgatgtggag	120
gactatgaaa	gacgttatct	cctaagtctg	gaagaagagc	gacctgccct	aatggatgac	180
agaaagcaca	aaattttag	catgtatgac	aacttaaggg	ggaaattgcc	tggacaagag	240
aggcctagt	atgaccactt	tgtacagatc	atgtgtatcc	gaaaagggaa	gagaatgggt	300

&lt;210&gt; 367

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 367

cagtcctccc	cacactcaga	gatctgtggg	gaagctccgc	ccagccacac	tccttgggat	60
aatactagcc	ggttctgcct	gattcctttt	ccccggagcc	agcctagggg	gcccgggact	120
cctctagtga	gccttgactg	ttaggtaaga	gacaggaagc	agacaagcca	agaggttgct	180
gcagctgccc	ccaggaggaa	acgggcagca	gggagtgtgg	cccagcccc	actgtacccc	240
tccagggggc	cgagcccttg	ccagcccaat	gacaccttga	agtcaccact	tttcctttct	300

&lt;210&gt; 368

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 368

atthttgctgg	acactcagac	acaatttaga	gtattttatat	ataacttgaa	aacagtaaca	60
tttccaaaaa	ccgatgaacc	ccaccctgtc	ccaaggaatg	attggatatg	atgtgaagtt	120
cattttctga	caaaaataat	tacgttccac	ttaggatgca	caaccatgct	gtcctgtaga	180
gaagtcacaa	gttttgtgag	aattttttaa	ctgatgatgt	ttattttccat	ggtaacatga	240
gtatacatth	taccttctat	tgtagtgtatg	aatcacaaatt	agtcctttttt	tataggttgg	300

<210> 369  
 <211> 294  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (294)  
 <223> n = A,T,C or G

<400> 369  
 atgggaccaa atttaagcaa tttttgtttt tggctgaaga gacaccaaaa tattagagga 60  
 caaatatttt tagatccatt taaggagttt tgaagtgcct aagatgacct atttgtcagt 120  
 ggtgcaaaat taattctctt cttttttgag ttgtagtga tatgcaattt ctgtgttccc 180  
 cttccacctt ttaaacttta ggatgacaag ttataaagaa agaagatctt tgtctgggac 240  
 ccccaaaggg atcctttctc taangnctct gacagagggt ccaggaccag acct 294

<210> 370  
 <211> 241  
 <212> DNA  
 <213> Homo sapiens

<400> 370  
 cacactccag gctgagaaaag agtaattagg aggcctgagg agggggcccg ggaaaggctg 60  
 ttgggggtgg ctgggggttg tacccgagcg ccttccccct acctcaacca gagaagagca 120  
 tccggttgct ttttaaagct tttagcctgc cctagcaagg acaaagcatg ttagattaga 180  
 gatgcttctg ctgatcgag gggttcttat ttgaaaacat ctatgatggg ggaggtgtgt 240  
 g 241

<210> 371  
 <211> 297  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (297)  
 <223> n = A,T,C or G

<400> 371  
 ccaagtgcga gggagcttgt ggcccttttg tgtttattgc agcagcttta gttctgcagt 60  
 ggaggtgggc tggagcaggg gacgaggtct tgggagctgt tgaggccact ctggccgagg 120  
 gtgtgggttt gcttcctcag ctgaagggat acatggaaac ccacctttgc atagtctcagt 180  
 aggggttacg gtgtggttca tggaagccat ttctgtgggt tgnnnnnnnn nnnnnnnnnn 240  
 nnnnnnnnnn nntnntnntn nencagaatn atgagntcaa nanannagcn tgatatg 297

<210> 372  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 372  
 gtttttttgt gaacactgat tttattggtg tottagatcc ctagtctacc caaataattt 60  
 taacagtact gttttttcta atcctgaagt ctgatattta tgactcatta gcaggaatca 120  
 aaactagtga tcagtagaac actttcaaaa taaaaatttg gaatgcagac ttttatgaaa 180  
 atttaaaagt gtccttaac agaatatcat gggttttcct ataaaacttc ttttaagtatt 240

gtaattccag tctgccccaa cttaaaaaaa aattcttatt aatatgtcag tcattaattg 300

<210> 373  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 373  
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 actggactta ggaatgtttt tgccacactt aacagatgtc caaaaagact cctgactgct 120  
 gagtcaacag ctcttttatac cacctttgat aaatatattgg caaacactt gaatgatggg 180  
 aaaatcaatc agcttcctct tttccttgga gagcctgcta tgggaatttct ctgggatttc 240  
 ctgaaccatc aggagggtcc ccgcataaga gatcatttaa gccacgggga gatcaactta 300

<210> 374  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 374  
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 aaggccctgt acagtgacct taaatctttg gaaacatctg cttttgtcaa gtccctacaag 120  
 aaccttgctt tctactggat tetgaaagct ggtcatatgg ttcttctga ccaaggggac 180  
 atggctctga agatgatgag actggtttgg ccttggggca cagagctgag ctgaggccgc 240  
 tgaagctgta ggaagcgcca ttcttccctg tatctaactg gggctgtgat caagaagggt 300

<210> 375  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 375  
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 gggtcaggag gcctgggtgc ggaaactgaa gtggccagaa ctgcctaaat tcagtcagct 120  
 gaagtgggaag gccctgtaca gtgaccctaa atctttggaa acatctgctt ttgtcaagtc 180  
 ctacaagaac cttgctttct actggattct gaaagctggg catatggttc cttctgacca 240  
 aggggacatg gctctgaaga tgatgagact ggtgactcag caagaatagc atggatgggg 300

<210> 376  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 376  
 ggaggcaggg atcaacgtga cgggtgtataa tggacagctg gatctcatcg tagataccat 60  
 gggtcaggag gcctgggtgc ggaaactgaa gtggccagaa ctgcctaaat tcagtcagct 120  
 gaagtgggaag gccctgtaca gtgaccctaa atctttggaa acatctgctt ttgtcaagtc 180  
 ctacaagaac cttgctttct actggattct gaaagctggg catatggttc cttctgacca 240  
 aggggacatg gctctgaaga tgatgagact ggtgactcag caagaatagg atggatgggg 300

<210> 377  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 377

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atagtggttt	tgcagtgtac	tggtctgaat	tttctggact	tgagttaact	gaaggagagc	120
ctcaaaactat	agtaacttca	tttttaaaag	ttactagaat	ttggtatcct	gatttatatt	180
gcagtgtttc	aaagggtgtca	ctgtcagaca	aatagaaaca	ctgccaaactt	ggtgtaactt	240
aagctttcat	ttaactaaaa	cattcttttc	ttgcaaaact	tattttttcat	gatcattttt	300

&lt;210&gt; 378

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 378

ataacacaca	tcacagtatg	ctctcagaaa	tttctttatt	tgaaccttat	accaatatct	60
gttgatcaat	gaccattttt	gctcagcatg	gagaaacagt	gccctgcatg	aagggtagtg	120
agaataaaaa	ggatcttacc	acctttatca	tgagggtggc	tttgcctctc	ccattccaag	180
ttgttctctg	ttctagaaag	cagatgtagt	agacatctac	tgttttttgcc	taaacagaat	240
ccctttttcc	tttttttggg	aaaagtactc	atccctaata	ttacattggt	ctggaaggac	300

&lt;210&gt; 379

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 379

ttagtgtact	ggatgtcagg	tccctcaaag	attccttggg	ccattttcat	gtgaatgaag	60
aataaatcaa	ttgtctttca	ttgaatcaca	cggacaacct	gctggcttct	gctgacgact	120
ctgggggcaat	caaaatccta	gacttggaaa	acaagaaagt	tatcagatcc	ttgaagagac	180
attccaatat	ctgctcctca	gtggcttttc	ggcctcagag	gcctcagagc	ctggtgtcat	240
gtggactgga	tatgcacgtg	atgctgtgga	gtcttcacaaa	agcccgacca	ctctggatta	300

&lt;210&gt; 380

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 380

ttagtgtact	ggatgtcagg	tccctcaaag	attccttggg	ccattttcat	gtgaatgaag	60
aagaaatcaa	ttgtctttca	ttgaatcaaa	cggaaaacct	gctggcttct	gctgacgact	120
ctgggggcaat	caaaatccta	gacttggaaa	acaagaaagt	tatcagatcc	ttgaagagac	180
attccaatat	ctgctcctca	gtggcttttc	ggcctcagag	gcctcagagc	ctggtgtcat	240
gtggactgga	tatgcagggtg	atgctgtgga	gtcttcacaaa	agcccgacca	ctctggatta	300

&lt;210&gt; 381

&lt;211&gt; 296

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (296)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 381

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tattttccca	tttttggttg	ttttgaagca	gtaacatttt	tctcagtgc	catgcaattt	120
gggtttttaga	gaagatggcc	accagctggc	ttcctagata	ttttaaactt	ttgttcttta	180

atatgctgtc	catggctgag	tttattagta	catgggctta	gcgaccacac	aaatattcta	240
ttacgaaact	gttncagaaa	taaattngca	ctgtncattc	ntctggcctc	gctgggt	296

<210> 382  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 382						
gccaaacttca	attccctttt	agtcactctac	ttcctactaa	cagctgtaac	taggatgagt	60
caaaatcaat	tgcctatgct	caccagatcc	ctgataaatt	cccatgaagc	cacctgaaag	120
gtggtaaaaag	caaggtaaaa	cgtggtgaaa	gcaaggtaaa	gaaggtagat	ttcacaattt	180
tgttttttaa	aaaggggaat	cttccctgaa	ttctttgagg	tactaagtac	gtggtttaaat	240
gcatattttc	attcttggtta	gcagttttaa	aataatgttt	cagagactgt	attcacgatt	300

<210> 383  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 383						
gataggccac	attccagtaa	gaactcaatt	tgactcccaa	atttgcagaa	acaaaacgtg	60
atttaaaagc	tgagcttttt	atcagaaagc	ttttttgatg	ttttaagtgt	tatgtgactt	120
gttgaacttt	ttaaaaagtg	ctacttttaa	aatcccagat	actctgaatt	ttagaaaaca	180
aactaattct	gattgtgtcg	tgcccaagta	cccttttttt	ttaatgaata	gggaccaatg	240
ccacattgct	ttttatattc	ctttctttat	taatgatgcc	aaaaccaaaa	gtagctgtgt	300

<210> 384  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 384						
cttttagttca	gataaaggaa	acatccaaaa	atactgagat	gagtaaaatt	ttattcaaag	60
taggttcctg	ctttgtcttg	atctcaatcc	attctaactc	ctgatgtcat	ttaccgtgtg	120
agatcttagt	acaatcatga	aaagaatatg	agcatttatc	aaaactctct	gacatctgta	180
tgtttagaaa	tgaacttaca	cagcaaaaata	tgatttcctt	gcacttattt	aatttttcta	240
acttcaattt	ctacctatgt	gtctctgcca	gtttgacctg	attcagacac	ccagaacttg	300

<210> 385  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 385						
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attgatggag	gttttttaggt	agattcatag	aatataacgt	atctaccaaa	gattccgttt	120
tcaagggatc	tagaagatgt	tagtgcacac	gcaaaaacca	gacaaaacgtc	tctacacgga	180
taaaggcaca	tatacaatta	tgcacacagg	gaagggcata	cactctattg	tgggcacaga	240
atgacatgca	attatggaca	cacaaaaaca	catgcaccca	attatggaca	ccaaaatata	300

<210> 386  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 386

tgctcttggg	tgcttcctga	ggtgtggttg	cacaggggtg	ttattcctga	atgcaagggc	60
ttactatgat	ttctcttag	tgccctctcat	ttctgatgct	ttctgtccta	tgaggtcagt	120
ctacttacta	gttagtattc	tatattaata	agtatgccaa	atgacttaac	tcctccagaa	180
atgttattcg	ttaaaagatg	agatgtgctg	agacaagagg	atcgcttgag	tcgggaaggt	240
tgaggctgtt	gtgtgctata	attgggcctg	tgaatagcca	ctctgttcca	gcctgggcaa	300

&lt;210&gt; 387

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 387

gccagtccct	ggacagctac	gacgccatga	atatcttgcc	caagaagagc	tggcacgtcc	60
ggaacaagga	caatgtcgcc	cgcggtcgcc	gtgacgaggc	ccaggcccg	gaggaggaga	120
aggagcgtga	gcggagggtg	ctgctggctc	agcaagaggc	ccgtacagaa	ttcctacgga	180
agaaagccag	acatcagaac	tactgcctg	agcttgaagc	agcagaggcg	ggagccccag	240
gttctggccc	tgtggacctg	tttcggggagc	tgctggagga	agggaaagga	gtgatcagag	300

&lt;210&gt; 388

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 388

gagacagcag	ccccagga	atgaagctga	tgccagagtc	agacccgagg	aggaagagga	60
gccactgatg	gagatgcggc	tccgggatgc	gcctcagcac	ttctatgcag	cactgctgca	120
gctgggcctc	aagtacctct	ttatccttgg	tattcagatt	ctggcctgtg	ccttggcagc	180
ctccatcctt	cgcaggcatc	tcattggtctg	gaaagtgttt	gcccctaagt	tcataattga	240
ggctgtgggc	ttcattgtga	gcagcgtggg	acttctcctg	ggcatagctt	tggtgatgag	300

&lt;210&gt; 389

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 389

ctaggatgtc	tggcacctta	cgaaggcta	ggaataggaa	ctaaaatgtt	aatcatgtc	60
ttaaaccatct	gtgaaaaaga	tggtactttt	gacaacattt	atctgcatgt	ccagatcagc	120
aatgagtcgg	caattgactt	ctacaggaag	tttggctttg	agattattga	gacaaagaag	180
aactactata	agaggataga	gcccgcagat	gctcatgtgc	tgcaaaaaa	cctcaaagtt	240
ccttctgggt	agaatgcaga	tgtgcaaaag	acagacaact	gaacaaatta	caaatgaact	300

&lt;210&gt; 390

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 390

cctctctgtc	ataatgtacc	caaaatagag	taagaatatc	atgcttttca	gtaatactcc	60
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acaaagatgt	caggttacca	aatcatttgc	tagtagatcc	taacaatatc	acctatagga	180
aactgaacgt	agcctttaa	cattaagtga	tgataatgga	tttggccggg	cgcggttgcc	240
tataatccca	acactgagag	gctgaggtgg	gtggatcact	tgaggccagg	acaggaccag	300

&lt;210&gt; 391

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 391  
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 attaaaacag tttagtagcc ttcagttttg tgaaaatagt tttcagcaca gaaactgact 120  
 tctttagaca aagttttaac caatgatggg gtttgcttct aggatataca ctttaaaaga 180  
 actcactgtc ccagtgggtg tcattgatgg cctttagtaa attggagctg cttaatcata 240  
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<210> 392  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 392  
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 tttagaaagg tcttctactg tcttcagcaa ccattctcatc ttccagcttc acctgattgt 120  
 ccagttatca tacatttgac tttcaaagt atgaaccagc atgtacccca tggatttaat 180  
 cttatctacc ccgtggattc aatcttctta tcagaagggt cttttatgtc aaaaaacctg 240  
 ctgtcaaggc ttgaagagcc tacacactca atggcaaaca cagcaccgag tctgctctga 300

<210> 393  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 393  
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 ggctcatgtt gctcacaggc agagtgtctc tggcacagtt tgccctggcc ttcgtgacgg 180  
 acacgtgctg ggcggtgctg ctgctgtgctg gggctgggct gctcttccat gggatgctgc 240  
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<210> 394  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 394  
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 gttctgctgc ctccggaagc aggcacaggc ccagccacat ctgccaccag cacggcagcc 180  
 ctgcgacgtg gcagtcattc ctatggacag tgacagccct gtacacagca ctgtgacctc 240  
 ctacagctcc gtgcagtacc cactgggcat gcggttgccc ctgcccttg gggagctgga 300

<210> 395  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 395  
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 gtgctaacc cgggtctcc cctgccccac ctcaccacc cagagaagca cagaccccg 120  
 caggggcagg ggcccaccgc acacccttgt cccgggctg tctgggactg gccttcccgg 180

ctcagccagt gaggctcaga agggacacaa agagggatgg aagaaaagaa caaagagaaa . 240  
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<210> 396

<211> 300

<212> DNA

<213> Homo sapiens

<400> 396

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ctttcctatc ttattagaaa gattagaatt gctttttctag agttccagta atggaatcat 180  
acagtgtcta agtctgtttg tgggtgctgta acaaaaatacc tgagactggg taatttataa 240  
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<210> 397

<211> 300

<212> DNA

<213> Homo sapiens

<400> 397

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ttaggtattc agtattttaa tcacaaaatt tgtgatttga acattttttt cttccttcat 180  
gagattttta gtggattgat acttgctttc cattctgtcc cgatgtctga cctttgtaat 240  
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<210> 398

<211> 300

<212> DNA

<213> Homo sapiens

<400> 398

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taaactatac ctcttcaaga ggtatcctgt tctgtaagat cagatgtttt tattgcaggt 180  
caatataata ctgccagaga cagaaaatcc ccccttatca gtcccttagt gcctctttcc 240  
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<210> 399

<211> 300

<212> DNA

<213> Homo sapiens

<400> 399

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aagagatgag gcggcagcag aagctaaagc aggccaaact ggtggagcag tacagagAAC 180  
agagctggat gactatggcc aatttggaga aagagctcca ggagatggag gcacggtagc 240  
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<210> 400

<211> 300

<212> DNA

<213> Homo sapiens



&lt;400&gt; 400

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gggagaaaag	tacagtgtctg	ttacgtggca	ctgtacagtc	atgtgccacg	taacagcgtc	180
tggttcagtg	acggacactt	acctgacagc	ggatccacaa	tattctctgtg	cagtgtgttt	240
ggaatcctcg	tctgggctct	cgctgttggc	ctttagatgc	aagtagggga	agtgagtgat	300

&lt;210&gt; 401

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 401

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ggtgaggaga	cgcgtaggga	tggtgaggag	gggagaggag	ggagacctgc	tggtgccctt	180
gcaccagggg	gaggcctgac	tcacgctgct	tccccccaca	ggccctgctt	tgcttgccctg	240
ctttttccag	aatcgatttt	gcaagcttca	agattctggt	cccctcttcg	cagaagttag	300

&lt;210&gt; 402

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 402

ccccatctt	cactgggttat	tccacttatt	taaaatgtcc	agaataagca	aatctccata	60
tagaggaagt	agattagtgg	ttgcttcggg	atgggaggaa	tgggaagatt	gaggtctttc	120
ttttgcagtg	ataaaaaatgt	cctaaaattg	actgtagcga	tggtcacaca	actctgaata	180
tgcttaagac	cattgaatta	cacactttac	gttggtgaat	tgtatggtat	gtaaattata	240
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&lt;210&gt; 403

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 403

aggcgtcctt	gcggaaaggg	catttttagct	gaggcttttg	agtacgaata	ggagctcagc	60
aggcagacga	atgaggaata	aaggtcagag	aaggtcagag	ctgagtgcag	tttggaatcc	120
accccggttta	ttgtagaact	gggggttcag	agggcagggtg	cctcagagtt	gaggccacac	180
agtgaggtct	ggtgggtgaa	aggacccagg	aacgaggcgt	tcaggaaagc	aggttgtcag	240
agctatgtgg	agtctgtggg	tggcaggggc	agccgctcca	gcctttgaag	actttgaaag	300

&lt;210&gt; 404

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 404

gggattacag	gcatgaccca	ccgcgcccag	cctgtaattt	cttatacttt	gtattttgta	60
cttgtattat	gcttctgata	cgctataatt	atztatgtac	atgttttttt	tcttcaatag	120
actgtgaact	cttcgaatgt	aggactccta	gagctagata	ctcaattatt	ttttattaaa	180
ttgaatgact	tgaaactaca	gatcctttat	ttaaacttcc	caaatttctg	ctttatctag	240
gcaactcttt	aaattctttt	atctcatgta	gatttcaaag	gctgaaataa	ttgagatttt	300

&lt;210&gt; 405

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 405

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gatgaagaac	ctgagttttc	atcagccatg	cctctggaag	aaggagacac	attctttttt	180
cagccaagac	cacttaaaaa	ccttgctgctg	gttgatgagt	tggacagcct	ctctcccatt	240
ctgttttgcc	agatagctga	tctggccaat	gaagatactc	cacagttgta	tgtggcctgt	300

<210> 406  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 406

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aaaataaaaag	tattcccttt	tgagtgtgaa	ttaggaatca	atgccccttc	tcactacttt	180
tgtgaaaaaa	atcacagttc	ctgcagcaag	tctatgcctg	ggtaacaacc	aaccacaaaa	240
atccaagagg	aggtccccct	ctcccgcctc	tgtgaggctt	gaggagcagt	atgtatctgg	300

<210> 407  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 407

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gactgagacc	gctgaggagg	tgctactggg	gcggaatctg	aactcggatg	atcaggctgt	180
tgtgctgaag	gccctgagat	tggcgccoga	ggggcgctctg	cgaaggagacg	ggctgcgggc	240
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<210> 408  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 408

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taaggttgca	gaagtagaag	cacaagattt	gacagctcat	tagatattaa	agaagaccaa	120
tgaatcagga	gatggtaatg	ccaagattta	gaccgcgtgg	aacgatgatg	agttgggtgg	180
ggtgagagta	agtagtgagc	ataatgatat	gttgaaatca	gtaggaagat	tgtgtttgag	240
gaaaatataa	ggtatccgtc	cattcattct	ttattttattc	ctgttaatct	ttaaaaagct	300

<210> 409  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 409

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gcagacacag	gatctgctaa	cgcagctggc	agctgaggtg	gctatcgatg	aaagctggaa	180

aggaggaggc ccagtgaccc tccaggacta tcgcctccca gacagtgatg acgacgagga 240  
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<210> 410  
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 <212> DNA  
 <213> Homo sapiens

<400> 410  
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 accaaaatcc aagctaggat ggggacagag gcctggagac aacctgctgg cctccttcca 120  
 ttaaagccat tacagtgtca ccacaggatt gtaagaatta caaatgcgtt ttccagagtc 180  
 cccagagaaa aaggagtctg gcagttagaa gagtaaagtg catctgtcaa caaaagaaat 240  
 accaaagatg agactacagc agcgacttgt cacctcttcc gtgttgctac tgctgagaa 300

<210> 411  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 411  
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 aaaatagttc tgttgaattt caccctggca atgtaaatg atagcttata ttcacagatg 180  
 ccagacaatg gacaactcac catcagtcct ctgtcacct gagacaaatg catgtctgat 240  
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<210> 412  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 412  
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 gattctgact taaccactg tttgcccaca tcttgagcct tgggtttccct atctgtaaaa 180  
 tggcagtatt ctcggtctgg ctgaggaaa gaaatgaggc caggcgcggt ggctcaggcc 240  
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<210> 413  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 413  
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 agccttgagg aaatatatat tcagaatatc ggtgaaagta ttctttacct gtgggtggag 180  
 aaaataagag atgttcttat acaaaaatct cagatgacag aaccaggccc agatgtaaag 240  
 aagaaaactg aagaggaaga tggtgaatgt gaagatgatc tcatttttagc atgtcagccg 300

<210> 414  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 414  
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 tgtaatttta aagggtttac attttttaaaa atttaatagg gtatcagtta actaatttta 180  
 cttagatgga acttctgtaa gcttagtagg tatgcttaaa taaagcctgc taataaaata 240  
 gagattcaga ctcaatagaa tggttttaca tatgtaatat atgtttttaa cagcataaaa 300

<210> 415  
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 <212> DNA  
 <213> Homo sapiens

<400> 415  
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 tgaactcatg gctaaaaaag aaagagaaag tcagatggaa ctttctgctc tacagtccat 180  
 gatagctgtg caggaagaag agctgcaggt gcatgctgct gatatggagt ctctgaccag 240  
 gaacatacag attaaagaag atctcataaa ggacctgcaa atgcaactgg ttgatcctga 300

<210> 416  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 416  
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 attggcaacg agttaaatat caccacagag ctctttgaca tctgtcttgc ccgagccaag 180  
 gagaggtggc ggtcccttag cacaggaggc tctgaagtgg agaacgaaga tgctgggtttt 240  
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<210> 417  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 417  
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 agagctttgg ttgagtatag attctcctag gcttaccgta gagttacatc ctgataagcc 180  
 cattataagt tgaaaatgtt tttagccgtg gtggctcatg cctgtgttcc cagaactttg 240  
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<210> 418  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 418  
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gtgagagggga	gacagaggtt	tgtgaagegc	tttgcacacc	tgggcatctg	gtcagtgttc	180
agtaaagtcc	agctgggctc	agtgggtgcac	tcctgtaate	ccagcacttt	aggaggctga	240
gtggggagga	tcacttgaag	ccacgagttc	agggctcagc	ctgggcaaca	gagaaagaca	300

&lt;210&gt; 419

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 419

gagacgtgca	gctgtccaag	gctctgtcct	atgccctgcg	ccatgggggc	ttgaagctgg	60
ggcttcccat	gggagctgat	ggcttcgtgc	ccctgggcac	cctcctgcag	ttgccccagt	120
tccgcggctt	ctctgctgaa	gatgtgcagc	gcgtgggtgga	caccaatagg	aagcagcggg	180
tcgccttgca	gctgggggat	cccagcactg	gccttctcat	ccgggccaac	cagggccatt	240
ccctgcaggt	acctaagttg	gagctgatgc	ccctggagac	accgcaggcc	ctgcccccca	300

&lt;210&gt; 420

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 420

ggaagcagca	gggtccaggg	gtagaagggc	tcccagaccc	cgagaacagg	accgagacgt	60
gcagctgtcc	aaggctctgt	cctatgccct	gcgccatggg	gccttgaagc	tggggcttcc	120
catggggagct	gatggcttcg	tgcccctggg	caccctcctg	cagttgcccc	agttccgcgg	180
cttctctgct	gaagatgtgc	agcgcgtggt	ggacaccaat	aggaagcagc	ggttcgcctc	240
gcagctgggg	gatcccagca	ctggccttct	catccggggc	aaccagggcc	attccctgca	300

&lt;210&gt; 421

&lt;211&gt; 295

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (295)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 421

accaagagaa	cgcggtcaga	aggaggtgga	actggggagt	cctctcaggg	agggacangc	60
aaaagactca	aagtagatgg	acagaaaaac	tgctgtgagg	aggggaaaga	ggagcagcag	120
ggatgtgcag	gggacggtgg	ggaagacagg	gtagaagaga	tggttatgga	ggttggagag	180
atggtgcagg	actgggccat	gcanagccct	gggcagccag	gggacctgcc	cctgaccact	240
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&lt;210&gt; 422

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 422

gtgggaactt	cccctactcc	ctggatgtgt	gtacctagca	cacttccttc	tcccaccctc	60
ttttccagtt	ggatttggtt	ttctgttctc	ttctgtcctg	tcttatactg	caactgtgtc	120
tcttagggga	cagatggcct	tctttgtcat	cttcaactctc	cacccccaga	gaggagtcag	180
agccataact	caatcactca	gcccccccaa	agatagttga	tgtgtgataa	tctcataatg	240
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<210> 423  
 <211> 267  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (267)  
 <223> n = A,T,C or G

<400> 423  
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 ttcttctctt aagtcttcat ctcttctttt gcttaattac tgaaccgtaa attcccttca 180  
 gagaaattta aatgctggta tttggacttt atacatgata cttttttagtag tttctttttaa 240  
 tttttgaaag atgaactgct tcctttt 267

<210> 424  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 424  
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 ggagacagag gtttgtgaag cgctttgcac acctgggcat ctggtcagtg ttcagtaaatt 180  
 gccagctggg ctacgtgggt cactcctgta atcccagcac tttaggaggc tgagtgggga 240  
 ggatcacttg aagccacgag ttcagggtct agcctgggca acagagaaag acacttgctt 300

<210> 425  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 425  
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 ggggttcagg agcttccage tgtgcagttg gccacaggac taggggagcc cccttccctt 180  
 ccagaccagt gtccacatac ccttccctgt gccacacac cttccctctg gccgcactg 240  
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<210> 426  
 <211> 277  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (277)  
 <223> n = A,T,C or G

<400> 426  
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 ggctggacaa catagcaaga ccatatctct accaaaaaaa aaaaaaaaaa nnnnnnnnnn 180  
 nnnnnnnnnn tngcccngn ancccnant tnntggngng gntgngngng gngngcnntt 240

ggncennngg gggtnagggg tgcaggggcc ctnggcc

277

<210> 427  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 427  
ctgatctaag gagcttttatg atggagttga agatgctttt ggaagttgcc ttaaagaata 60  
gacaagagct gtatgcacta cctcctcctc cccagttcta ctcaagcctt attgaagaga 120  
taggaactct tgggtgggat aatttttaaaa tatttttctt gctggcagcc accagaaact 180  
ggaagaggca aggaatagat tctctcctag agcctccaga gggagcacat ctttgcgtgac 240  
accttgattt ttgccagtg aacagatgtg gaacccctgg cctccagaac tagagagaat 300

<210> 428  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 428  
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taagggatga gaaggtctat gtggaaaaac agttacaact ggagtggtaa ctgcaaaaac 120  
caagcagctt catgtgatcg ttaggacaga agaaatttct ctttgtagc ctagagcaat 180  
attctcaaaa tttaatgcgc atgttaatca tttggggatc ttttattcat tttttcatgt 240  
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<210> 429  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 429  
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caccctcacc atctctaaaa ggcatcttcaa actgaacaca tctgatacag aacttttcat 180  
ttccttccca actttgcccc cgccagcctg ctctccttc acgctttcca cttagtatat 240  
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<210> 430  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 430  
caatcagtga taagctatat tttgagtttt aaaattgttt ttacaattac cctggttttg 60  
agtatatatc ttgtcaaatac attctaataa atatttgctg ataactgtgt ggaatacata 120  
aatggtaggt agaaatttgg aagaatcact acatattttc agttatcatt ctctgtgtaa 180  
attcatgctt taaaaatatg agaagttaaa gtgccttgga tattatttta ttttctatat 240  
tttgtcccat attgtattgt ctaattttca ttgaaaccac ataacatgct tgaataggca 300

<210> 431  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 431

tggctggtat	tataggtgca	caccaccaca	cccaactagt	tttttgtgtt	tttagtagag	60
atgggggtttc	atgatgttgg	ccaagctggt	ctcgagctcc	tgaccccagg	tgatccaccc	120
acctcggcct	cccaggggtgc	tggaattata	ggcgtgagcc	actgcgcacg	gcctggggag	180
gtttttatttc	ttgacaaagg	tatttgatac	tcgtgcagac	cctggagggt	ctcactggag	240
agacaacatt	taggctgaga	tctgattaac	aggaggcagc	tgacgtgcag	aggtcaaaag	300

&lt;210&gt; 432

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 432

cccaggctga	caggggctct	gccgtcttta	acatgtgact	ttctaggtca	gtcatctggt	60
cattgctttt	ccacacagca	gataagacaa	aggagtggaa	atagaggggt	agagattttc	120
tcttaaacgt	gtgaggctgg	agtgggtatgc	ttcattggca	agaacctggt	cctagcctgc	180
ctagctgaaa	ggaggggagt	cagggagatg	cactttgcag	ccaaaattct	gttgccaaga	240
aggggaaagt	agatttggtt	gattttgatc	tgtgtttgct	gctgtgttac	tctataattc	300

&lt;210&gt; 433

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 433

cacctagctt	tatcatttgt	aaaatgagtc	tctaggtaca	gccctttctg	gggttgagac	60
agagtttctg	aggagtaaaa	gccatgtcat	tgtggaaaca	ggcagctatt	ctcacagctg	120
gcagagccc	actactcccc	tataatcagt	gctgataaac	tgctctcatt	tggttgactt	180
cagactttcc	tgaccactt	tgaatggggg	ccactttgaa	tggaacttt	ctatgtattg	240
aattaaaaga	tctccaagat	aaatgggttaa	atgaaaaagc	acagtgcaaa	agggcatatg	300

&lt;210&gt; 434

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 434

aagataaaaag	agataaggaa	gaaaaagaaa	gcagcagaga	aaaaagggag	tggtctcgta	60
gccaagaag	acgcaaatcc	agatctcctt	cccctagaag	acgatcttcc	cctgtcagga	120
gagagagaaa	gcgcagtcac	tctcgatctc	cccgtcacag	aaccaagagc	cggagtcctt	180
cccctgctcc	agaaaagaag	gaaaaaactc	cagagctccc	agaaccttca	gtgaaagtaa	240
aagaaccttc	agtacaagag	gctactttcta	ctagtgcacat	tctgaaagtt	cccaaacctg	300

&lt;210&gt; 435

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 435

agagtcaagg	aaaagtgcaa	gatagatcta	tcccattttct	tcctccacct	ggagattcct	60
gagctatgct	cagcctctgt	ggggcagggg	agactgggga	catttttagt	caggatgctg	120
agaagtaatt	cctgctgggg	ccaggcatct	tttcagggct	gctgtgatgc	caacaaagaa	180
ggggcccccag	gcccatcctt	actcctggtc	ccaaaaagga	tcgaagtggg	atgggaagct	240
ggcagcacca	accacttgt	agattaacaa	caacaacaaa	acaccaacaa	ataaaaaaag	300

&lt;210&gt; 436

&lt;211&gt; 300



&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 436

aagaaaggct	gccttttgagt	tgaccaacca	tgttgaggtg	gtagatgggt	gctaaactca	60
ctgtagtctg	agtaattgac	ttccacaagt	catccccact	gttgagcctt	tcaaaatgaa	120
gtctcagtat	atttacaaat	taatggacat	cctctctggg	gattagtcac	attctaattc	180
aacaaagaca	ttgtttgaag	tttgtttttg	tttgctaaat	gaactaaaaa	ttatgagatt	240
tgacactaaa	ggtactgagg	taaaggagag	ccaaaagtgg	ggtagtcaat	ctacttattc	300

&lt;210&gt; 437

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 437

accaggaata	atctagggct	cattagagat	gtcaaagatc	tgttctagtt	tottaaccta	60
aaacaagagt	gttttagttc	cattttatag	gcggggagtc	tgagccaaac	atgttatgtc	120
actttccaag	tctccatagc	acagaagtct	tctgtctccc	catcctgact	ttcccagctc	180
atagggactg	tcaaaggcag	cagctctggc	cggctgtgat	gcctcatgcc	tgtaatccca	240
gtaatttggg	aggctgaggc	aggaggatca	tttgaacca	ggggttcaaa	accagcctga	300

&lt;210&gt; 438

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 438

gcagaacatt	tctcaagaat	cctcttgagc	cagtaatcaa	tctgtctca	aaaaatgttc	60
tttgccattt	cctagatact	gcacaaaagt	ggccatgtcg	acatttgtcc	acccaccctc	120
caataagctg	gagcgacaaa	gggacattcc	atccctgtac	ccttagtggg	agccatgaca	180
cgatggccag	atcatggact	ccggaaaagct	ttctgttttt	actggaaaca	tagcaaacct	240
tgatttagct	ccaagaaatt	gagtagggaa	atatttgttt	tttagcaatt	gtcatagtaa	300

&lt;210&gt; 439

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 439

cagaaattca	aataattctt	ttctgcttca	atgccagcag	aaggtccccc	aggtagacat	60
ggagaagcac	tttgtttttaa	ataggagggt	ttcatagtgt	catctgaagc	cacctgggtc	120
tgttaaactg	tatcgtgcag	gttttgggtt	tggcattatt	catgtttctg	atcaattcta	180
tgcaactctc	atagttcctg	ttacttttta	gcattagctg	ccaaatgact	tcaaaaggct	240
ggggtgggtg	acttgactgt	gagactggat	tataacatgg	acaaatctta	ttttgcttaa	300

&lt;210&gt; 440

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 440

tcccaggaat	ctttgttgta	tattaatttt	tgataaccat	ttgattaact	ttaaaattaa	60
gtatatgtgt	gtatatatac	atatgtatgt	ttatatacac	acatgtatct	gtatagtttt	120
atatatacat	atatacacat	agacatacag	agaaccacta	ctttgtaata	gtgtacagtt	180
tgttttatat	ctcttttactt	tttttgttac	tattttatct	ggccagcgta	atagttttat	240

ttagattttt taaaattctg tagattaaag caaatgacag ttattgaact atcacaaaac 300

<210> 441

<211> 300

<212> DNA

<213> Homo sapiens

<400> 441

gtcccttgct	cggggccatg	gagacactgc	ggccagtacg	gcggcgccctc	tgtctgaaga	60
aggggaagtg	acctccggcc	tccaggtctc	ggcgtggag	gataccggag	gccccctctgc	120
ctcggccggt	aaggccgagg	acgaggggga	aggaggccga	gaggagaccg	agcgtgaggg	180
gtccgggggc	gaggaggcgc	agggagaagt	ccccagcgct	gggggagaag	agcctgccga	240
ggaggactcc	gaggactggt	gcgtgccttg	cagcgacgag	gaggtggagc	tgccctgcgga	300

<210> 442

<211> 300

<212> DNA

<213> Homo sapiens

<400> 442

gcttgccggt	gcggggagct	cccgtgggcg	ctccgctggc	tgtgcaggcg	gcatggatt	60
ccttgccgaa	aatgctgac	tcagtcgcaa	tgctgggccc	aggggctggc	gtgggctacg	120
cgctcctcgt	tatcgtgacc	ccgggagagc	ggcgggaagca	ggaaatgcta	aaggagatgc	180
cactgcagga	cccaaggagc	agggaggagg	cggccaggac	ccagcagcta	ttgctggcca	240
ctctgcagga	ggcagcgacc	acgcaggaga	acgtggcctg	gaggaagaac	tggatggttg	300

<210> 443

<211> 300

<212> DNA

<213> Homo sapiens

<400> 443

tttctacat	tccgaggctg	ccctctgacg	tcgtcacccg	ctacctggcc	ctgaggaagg	60
ccacgagcat	cgttccctga	gccccagaaa	gggagatgaa	gtggaaagct	gtttcaaaaa	120
cagactctgg	actcatgatt	ttgtttcacg	gaaacaaact	cgttctgctg	tcaatctgaa	180
aatgccagt	ctgtgccttg	gaaagaatgt	ttggctttaa	tttaaggggt	ttttttttta	240
gtgtgtgttt	tcctccaag	tgtgatattt	cctgctgaat	taaattatac	ttcagttgtt	300

<210> 444

<211> 300

<212> DNA

<213> Homo sapiens

<400> 444

ctcggagcca	ccccggaaga	ccatgcgcag	aggggtgctg	atgacctgc	tgacgagtc	60
ggccatgacc	ctgccccctg	ggatcgggaa	gcctggtgac	aagccccac	ccctctgtgg	120
ggccatccct	gcctcaggag	actacgtggc	cagacctgga	gacaaggtgg	ctgcccgggt	180
gaaggccgtg	gatggggacg	agcagtggat	cctggccgag	gtggtcagtt	acagccatgc	240
caccaacaag	tatgaggtag	atgacatcga	tgaagaaggc	aaagagagac	acaccctgag	300

<210> 445

<211> 300

<212> DNA

<213> Homo sapiens

<400> 445

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ggttaattcc ctgaatccta cttgaacatt gtataaattt ctctttgcat ataatacata      60
tttgtgaatg agacatatcc ccaaaaaaatt cttatctctg tatgtgattg gaaaagaaaa      120
gatcacattt gtatattcaa caatctttca cctattttcat aagtcatttt ttcaccctgt      180
atagtatggg aattatTTTT tatgttaaatt agaaactgaa tgtactgggt tgaatgggtg      240
cctctccaaa attcatgtac ttcttgaggc ctcagaatgt gaccttattt ggaaatactg      300

```

```

<210> 446
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 446
gnctttnaaa accatctact tgttcttttt gcaggatccc atngangtcg ggagaatgct      60
ggccacagat ggtgctgccc aacaggccca taccactcgt tccagtcaga ggtgcttgcc      120
ctttggggat gatgttcggt gttccaatca gtctcttcca atgaccagac actgccttac      180
ccatatttgt caggatacga atcagggtct cttcaagtgc tgccagggat ctgaagaggt      240
accctgcaac aaacctgttc ctgtaagcct ctctgaggat ccctgtgccc cactgcattt      300

```

```

<210> 447
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 447
gccagatcct gcaggagagc gcgatgcaga aggctgcgtt cgaggcactc caggtgagga      60
aagacctgat gcatcggcag atcaggagcc agattaagtt aatagaaact gagttattgc      120
agctgacaca gttggagtta aagatgaagn nnnnnnnnnn ngaatgccta nntgagatna      180
tttgacctgg tccttntttg natctgaccc ggnccanatc tacanggtca cttgggtcat      240
ctnctggacc cctgcttntt ctgggctgng cnntnaatgc ntncgttcct tnagagaaca      300

```

```

<210> 448
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 448
gttgctgtca cttggatttc tagctttggg agcctgttcc acctactcag ctctgcattg      60
agcagtatgg gcacatgccc tgtggacagt tactggacgt taatgaactc agaggagaaa      120
agcagtgagc cacttggtct gtgtgattta tggtaattca ttgctcttcc ttcacctcta      180
gtcactttct attgctacct gccctacatt ggtccctgcc aaggcccttc tctctccctg      240
ttttcctttt tttttttttt nnnnnnnnnn nnnnnnnnnt tgcnttnncc cccagggtga      300

```

<210> 449  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 449  
 gccaaagcctc ggccctccact gcacctgctg cggagtgga cctttgcctg caaggccctc 60  
 taccocatgg ccagtggtca tctcagcagg gtctttggcc actcaggagg cccttggtgt 120  
 gggttgtcga gtctgtcctt cctcatgag aagctactgc ttatgtccac agaccaggag 180  
 gagctgtcac gctggtacca cagtctgact tgggctatca gcagccagaa aaactagagg 240  
 aatcttatag attccagaac tcaggatacc tcagggatag gtcacagcca agagtacaaa 300

<210> 450  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 450  
 gccaaagcctc ggccctccact gcacctgctg cggagtgga cctttgcctg caagtcccgg 60  
 taccocatgg ccagtggtca tctcagcagg gtctttggcc actcaggagg cccttggtgt 120  
 gggttgtcga gtctgtcctt cctcatgag aagctactgc ttatgtccac agaccaggag 180  
 gagctgtcac gctggtacca cagtctgact tgggctatca tcagccagaa aaactagagg 240  
 aatcttatag attccagaac tcaggatacc tcagggatag gtcacagcca agagtacaaa 300

<210> 451  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 451  
 ccattgttag catcgtagac gattgtgatt tttatgtcaa aagaagccaa aacttgcaat 60  
 actattttta gcagacaaaa aaaagaacta agtataaaat gtataaatat ttttgacttg 120  
 aacatttgga tggcactggg tgcaagtaga gcatccatcc ttcggtatga atgtttggaa 180  
 aaaagagact tttaaaaagg agacggttgt tttaaagagt ctgtttaggg gttaaagtac 240  
 tgtaactcac gactgttaaa aaataaattt tcctgtgctg taaaggaagg tttcacagta 300

<210> 452  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 452  
 gcaggatgtg atgtcacoga gatgcagagg atactcagtc aaccaacatt tactgagcat 60  
 ctacttcgtg ccgtatgtct tgtcaacgga aaggggtccc tatccagacc ccaagagagc 120  
 attcttggtat ctcttgcaag aaagaatttg aggcgaatcc atagagtaag caaggcaagt 180  
 tacttctata tagaaggggt cacccttaca gatcaaaca tgcttagtga tgtgtgtcag 240  
 acctctgagc ccaagcaaa ccatcatatc ccctgtgacc tgcattgtata catccagatg 300

<210> 453  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 453  
 cctgaggtca catgtggatt tggccagagc cttcaggagg tggaggccgg tgaggtcagg 60  
 agcccagctc tccagggggc ttctgccctg actgggaagg gtgcctggct ccctaaaaca 120

```

atgtcaaagc cagtccctgct gttctctgtt gccagggggc aggtctgggc ctgggccaac 180
cacgtttgtt atcatggctg ctgccttctg gacagctgcc agctctgcct tgagagggtg 240
tgggacctct ggatccagct gacctgacag gtcattctact cagggaggag ccctgtgctc 300

```

```

<210> 454
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 454
cacctcctag gttcaagcga ttctcctgcc tcagcctccc aagtagctgg gactataggc 60
atggggccacc actcctggct aactttcgtg ttttttagtac agatagggat tcaccatggt 120
ggccaggctg gtcttgaact cctgacctca ggtgatctgc ccgcttcggc ttcccaaagt 180
gctgggatta cagttgtgag ccactgcacc cagccaggaa tgacatttca aattattcaa 240
ttttgctatc aacaccttaa tataaaacca aagaggtaag catgctgggt actatagaac 300

```

```

<210> 455
<211> 221
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (221)
<223> n = A,T,C or G

```

```

<400> 455
ggggcgccca ttactgaaag cctgcacatg aggagtgggt tttctctctc tctcctctnc 60
aacattgagt tgatgatgat catgatgttt gagacagtgt ctactctgt cctgcctcag 120
cctcctgagg agctaggacc acaggctcat gcctccacat cctgctacat tttttatatt 180
ttttgtagag ttgggggtctt gctgnnnnnn nnnnnnttat a 221

```

```

<210> 456
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 456
gaaggcagtt atatgggttt ttactttttc atcaattcca taccatcggg agtaactaaa 60
tgaaacatac ttcaaagaaa gaagtcaaat taaatgactg tcattgcca ttaataaaaa 120
caacaatctg agcttaacaa aaaatttaac aaacaggga gacagaaaga tggatatatt 180
attgcctgac tacactggca taactcactt taacaaaaat tatcacattt aataatataa 240
cctgttatag ctaaataatta aacacatatt aattagggcc aactttgaag gatttctaata 300

```

```

<210> 457
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 457
aagtagctgg gactacaggt gccaccacc atacctggct aattttttgt atttttagta 60
gagacagggt ttatccatgt tggccaggct ggtctcaaac tcctgacctc aagtgatcct 120
cctgcctcgg cctcccaaag tgctgggatt acagggtgta gccaccatgc ccagccaata 180
atttctgat ataataaaaa tgccaatact atacaattaa atagtaaagt gataaaaaat 240
aggataacat gataaccact aattaatata tactacataa tcatcctttt cgtgagttga 300

```

<210> 458  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 458  
 gcagctgtgg agagaactgt acgtggtaag ggggagatat aagatgtcct gcataagtat 60  
 tttccctgta gattgcaaag tcactctatgg agaggaaagg tccaaaatag tcaactgggga 120  
 gagcaggtga attagatggc caagcagggg ggatggatca tttgaggttt ggggtgacag 180  
 atcaactgag atccacttac acttctgaaa acgcaagaac actttagaac attaacaaca 240  
 cttaaagctt ttacatcat ttgtaaataa ctggtggaac ttaacaccac aaaataaagt 300

<210> 459  
 <211> 243  
 <212> DNA  
 <213> Homo sapiens

<400> 459  
 cacactccag gctgagaaag agtaattagg aggcctgagg aggggccgag gaaaggctgt 60  
 tgggggtgtgc tgggggttgg acccgagcgc cttccctca cctcaaccag agaagagcat 120  
 ccggttgctt tttaaagctt ttagcctgcc ctagcaagga caaagcatgt tagattagag 180  
 atgcttctgc tgatcgcagg ggttcttatt tgaaaacatc tatgatgggg gaggtgtggg 240  
 aag 243

<210> 460  
 <211> 260  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (260)  
 <223> n = A,T,C or G

<400> 460  
 cacactccag gctgagaaag agtaattagg aggcctgagg aggggccgag gaaaggctgt 60  
 tgggggtgtgc tgggggttgg acccgagcgc cttccctca cctcaaccag agaagagcat 120  
 ccggttgctt tttaaagctt ttagcctgcc ctagcaagga caaagcatgt tagattagag 180  
 atgcttctgc tgatcgcagg ggttcttatt tgaaaacatc tatgatgggg gaggtgtggg 240  
 aannnnnnnn nnnnnnnntg 260

<210> 461  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 461  
 ggcaggtcat gttttcaaga gtagccagaa gtctggattc ttatgcaaag cctgttttgt 60  
 tgtttgtttg tttgtttgtt tgaagtttgg cagcagattt aacattttta aagtactgtg 120  
 caggccaaac aaaacacgcc tgttgactgg ttgtttgcca tcctaaatat aaagtggggc 180  
 ccatgtgtgg tggctcacac ctgtaatccc agcattttgg gaggccaagg caggaagatc 240  
 acttgagccc aggaggtcga ggctgcagtg agcagtgatc gcaccaccgc actccacctg 300

<210> 462  
 <211> 300  
 <212> DNA

<213> Homo sapiens

<400> 462

gccagggtg	attgcacatg	cctgcagtc	tggtactag	ggaggctgag	gcaggagaat	60
tttttgcacc	cagaagttca	aggctgcagt	gagctatgat	cacaccatgg	cactccagcc	120
tgggcaatag	aatgagaccc	agtctctaaa	aaagtagaag	ttaaaaaaaa	agattaagaa	180
tagatgtagg	gcagcagaat	ttcgaacttc	ttttcagcat	cacaatactt	taaaacagtg	240
attgtcatct	gcctcaaacc	cattgcctct	cacataggaa	atattttgaa	acatatTTTT	300

<210> 463

<211> 268

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(268)

<223> n = A,T,C or G

<400> 463

gctgcactnt	ggcctgcatg	cactctggcc	tgcatggcag	aacaagaccc	tgtggaagaa	60
atgaacactg	gtattagact	ttaaagattaa	atttcctcaa	acatgtccta	tctgtagtag	120
ttcaactaga	caccttttaa	agtgcctcta	aattcatcag	atggccaaac	tgtatttata	180
atccacttag	gcattttgaa	aaactttcaa	cctgtaaaaa	gttactttta	tcttggattt	240
attatgaaga	actttgtagt	tgctttgt				268

<210> 464

<211> 300

<212> DNA

<213> Homo sapiens

<400> 464

catgagttaa	aggatatTTT	cagtcctggt	atcttcaatt	gcagtcttta	aaaaaaccca	60
ccctattggt	ctacttggtta	tatgtctatt	catacagtaa	attcatttca	aggtttatgc	120
cagtgggtat	tattgggtgct	ttttgaagtt	gaggtgaacc	atccaggaag	gtcttggttaa	180
tggttatggt	atctataatg	gcatagggga	aatatatata	tttttaatat	tgtaaacatt	240
tgtactgaat	aacctTTTT	ttcccccttc	cgcaagcaaa	actgggttgaa	cagcggatga	300

<210> 465

<211> 300

<212> DNA

<213> Homo sapiens

<400> 465

attagctgct	tgtggtgggg	ccccaaccgc	cctcgggcac	tggggagctg	ggctggggct	60
gctgctctgg	ggtctccggg	ggccacagct	tggggtgagt	tgaagacctc	aggggatgtg	120
gaggggtctg	cggggccctg	gccgcacagg	atggccttca	gggaagggtg	tcttggggca	180
tggtgcagag	caggtgaccg	gaggggaatcg	gtgacggagc	ggggccaagg	gaggggtccg	240
gagggagtca	gggatggagg	gcagagggag	tggatgtggg	ggtttgagga	cgtgtgacaa	300

<210> 466

<211> 300

<212> DNA

<213> Homo sapiens

<400> 466

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gaaaagggag cgcgcgagcg cctacgggag tccggcggca gcagccggta ccggcaacca    60
cgggcagctc tcaggggaatc tccgtcgtga ggccagaggc tccagtcccc gcgagtccag    120
atgcctgtcc agcctccaag caaagacaca gaagagatgg aagcagaggg tgattctgct    180
gctgagatga atggggagga ggaagagagt gaggaggagc ggagcggcag ccagacagag    240
tcagaagagg agagctccga gatggatgat gaggactatg agcgacgccg cagcgagtgt    300

```

&lt;210&gt; 467

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 467

```

agtggctgag tggaggcgcc cagacctggg caggcagcag gctcaggccc acaccttgtg    60
atTTTTgaaa ccaaagccca gaagatgatg tttacttctc tctccctggc tctgcccttc    120
ttactgcaaa ccatgctgtg ccttagggcc cttctcatag ctgttctctca tggccatgac    180
tggaacaggg atgcaacctc tttctacaca agcacagtta gttgggtgaa gtcttttttt    240
tgtttgTTTT agacggagtt tcactcttgt tgcccaggct ggagtgaagt ggcgtgacct    300

```

&lt;210&gt; 468

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 468

```

ctggaaatga aattattatt ttcacccata gtagcaataa aaagaatact cagtaatacg    60
tatggaatac tacttagtca taaaaaggaa tgaaataatg gcatttgcag caacctggat    120
ggaactggag accattattc taagtgaagt aactcaggaa tggaaaacca aacgtcgtgt    180
gttctcactc ttaagtggga gctaagctgt gaggacgcaa aggcctaaga atgatacaat    240
ggactttgga gactcagggg aaagggtggg agggcgggtga gggataaaac agtgcacact    300

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&lt;210&gt; 469

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 469

```

gacagtacct ttcccccccc tttcatggcc cattttattg tctgcctttc agtactaagt    60
atgaccgttc ctatctcaga tcttaataaa gagaaaaaaa aannnnnnnnn nnnnnnaatn    120
nggccttant tgantatact ngttagcaag cgtgngngac agagagtggg gaaagctnca    180
tcattgaana tttngataaa ctttaccgac ttgagtntgg tncatntntc cctttnccta    240
aattaactag cactgnctgn aagncatttn nctgtctgac gnnntntccct tccattctgc    300

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&lt;210&gt; 470

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 470

```

actgcctcct tccacacgag tgcccctttg gccaaagaag attattatca gatattagga    60
gtgcctcgaa atgccagcca gaaagagatc aagaaagcct attatcagct gctctgctca    120
gttagtTTTT attccccggg taccaagcag ctgcacagtc ggtgcctggg aggcacgtag    180

```



agggccctgg	ctcaggcaga	gggagatggt	tagactcttg	cagggctaaa	actctaattt	240
ggaattgaat	attgtggata	tcttagttaa	aggccatgct	tacagcttag	aaatgaagcc	300

<210> 471  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 471						
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tgatcctcct	gtgtagctgg	gactacaagc	atgtgccacc	aatgcctggc	ttctcacact	120
gttttgtaac	atagatatgt	gaagatgtgt	attatagaat	tgtttgtaat	actgtagtgt	180
tgtaggcaat	gtgactgtct	ataggggaagt	ggacaggtta	tttgtggtaa	atactcatgg	240
aaaacgggtca	agcagttaaa	agcaatcaat	tatggtcacc	cagcaatgca	gataaatctt	300

<210> 472  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 472						
agaacagggga	gaagagagga	agagggagct	gcaggtgccca	gaagagaaca	gggcggactc	60
tcaggacgaa	aagagtcaaa	ccttttttggg	aaaatcagag	gaagtaactg	gaaagcaaga	120
agatcatggt	ataaaggaga	aaggggtccc	agtcagcggg	caggaggcga	aagagccaga	180
gagttgggat	gggggcaggc	tgggggcagt	gggaagagcg	aggagcaggg	aagaggagaa	240
tgagcatcat	gggccttcaa	tgcccgcctc	gatagccctc	gaggactctc	ctcactgtga	300

<210> 473  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 473						
atttgactaa	atcattgttt	cacaactgaa	tagtcttggt	cttttagtag	caatgaaatc	60
ctaagctctt	gaggccattc	acctgccaac	ctgaccatac	tgctttcaaa	agtcttttct	120
catcagtaga	atctattttg	gtcacttcta	gtcaatgaaa	aatgtaaaact	tttaggagag	180
aatgtttcct	aggactcacc	cactccattc	aatgtttacat	ataaaaatagt	gtgatcaatc	240
acaatgtcca	tcttttagaca	gttggtttaa	taaattatct	ggtcttttgaa	aagaccgtgc	300

<210> 474  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 474						
aacttaaagg	tagttttaga	aggaagtaca	aattggcttt	catcttgcaa	acaatcgttt	60
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agacaatgag	gaaacacttg	aggcttctgc	tgtgtgttct	tttgttattg	ttgttattgt	180
tgttactcag	taacttgaat	attgtttaat	gtgttgtaag	acgtagagtt	tatctcaagc	240
tgttaaaaat	ggtaatgtac	aaatgtgaat	agacacttat	ctatataata	tgggtaagtt	300

<210> 475  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 475

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gctcttgaga	aagaattctt	atgaattgtt	atgcgaattt	tatatattta	aagagggaga	120
tctggggctg	ttatttttaa	acaatttttt	tcataatata	tattccgagt	agatatttat	180
aaaatatatg	tttctttcat	tatgtgtttg	taaaattaga	gtttaaataa	atatgctttg	240
atgcatagtt	ttgaactaat	gtaacatgat	ttttcttttt	taaaacagcc	tgaaaatgta	300

&lt;210&gt; 476

&lt;211&gt; 293

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (293)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 476

tcatattagt	gttgccanga	gcaaaagggtg	gggnagggtgt	tgacttttnan	agcacagnag	60
naanttttcn	tggtgttggt	cgnttatctn	gattgtgtta	gtgcccacan	gnctgtatgc	120
atttttcata	attcncanan	ntgtatncta	atnagggtgc	acttcactgn	acataaatga	180
atctcaacag	acaaaagggtt	aaatcatttg	ttcattccctt	taacaagtat	gtgtcgagtg	240
cctactatgt	gctgggcact	gtaggttcaa	tggttaagaaa	agcagatata	ggc	293

&lt;210&gt; 477

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 477

gatgagttct	tttctttctt	tccacctcct	gcaaattatg	tgatttgcac	aatttgtaca	60
tagttaggtt	catttggttag	tttgtattcc	ttttggcttc	ccccatatcc	tcgttgactt	120
tttctttctt	ttgtaactta	catatgttat	gaaatttata	tgaggatata	taattttcat	180
aaatgtttat	ggtttacatg	tattagtgtg	tattattaag	atcacccctgg	gattgactgg	240
ccaagcattt	ggtggaagat	agcaataaat	aatacatcat	aaaagacttt	aatgtaaaaa	300

&lt;210&gt; 478

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 478

aagccaggag	cgaggggact	aacagcgcac	cccctccacc	agtgccgacg	gaaaccccgt	60
tttaaattaa	aaaataagcc	agtatacatc	gtagaaaatt	tctcttaaaa	atctcacaat	120
ttgtaaatgt	atattttttc	tttaacataa	aagtttacia	tataccgtaa	aacaaaaggc	180
tcaggaaaat	aattttccaa	aaaaaggaag	aaaaagaaac	ctgaagtttt	gaattaaagc	240
tgaagacatt	tttttaaacc	ctgttggtga	accagtgcct	tttttttatt	gtgctgatgg	300

&lt;210&gt; 479

&lt;211&gt; 231

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 479

cctcccagggt	tcacgccatt	ctcctgcctc	agcctcctga	gtagctggga	ctgcagggtgc	60
ccgccaccac	accgggtta	ttttttgtat	tttttagtaga	ggtgggggtt	cactgttagc	120

caggatgggtc tcgatctctt aacctcgtgg tccacccgcc tcggcctccc aagggtgctgg 180  
gattacaggc gtgagccact gcgcctggcc ttgggttggt atactgggggt c 231

<210> 480

<211> 300

<212> DNA

<213> Homo sapiens

<400> 480

gttccccctct tcttgtgaga ctggtccagg cagcccttct ggacactgca tgatcacagg 60  
agcagccctc tggcccataa tgacggccct gtcttcgcag gtggccactc gggcccgcag 120  
ccgctgggta agggatgatgc ctagcctggc ttattgcacc ttccttttgg cggttggtct 180  
gtcgcgaatc ttcattcttag cacatttccc tcaccagggt ctggctggcc taataactgc 240  
tgttgtcact ccactctcct aggcgctgtc ctgggctggc tgatgactcc ccgagtgcct 300

<210> 481

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 481

gtgatcacaa gggtcctttg ctgtggaata gtgaggtggt tgagtcagag gcagagtgat 60  
gcaatgactg aaagactttt ccagccatct ccggctttgn atncggaagt cggatcatgag 120  
ccagggnntg caggcaggct ntgggagctg naaaaagcaa ganaatggnt tctcccctgg 180  
agcctccaga agggatgcgg tcctgccaac cccttgtcag tgagccttt cagatttctg 240  
acttcagga ctgtaagana atnancctgg ctgtgcgaac gnttcagan ttcaancact 300

<210> 482

<211> 300

<212> DNA

<213> Homo sapiens

<400> 482

cctacttatt ggatgttggc tctttggtgt catggagatg gctttactgt aggtttgttg 60  
tgttgcatta cttttcattg ggattgaact gagaaataac aaacaagctt taagtgggaa 120  
attaaaaaaa agaagtaacc tatgtagatc caaacttaaa atgtgagaaa ttattgaaat 180  
ttcattttct acaaacttga aattagcctg ctaattgtaa agttgtttta ataattgctga 240  
caaattgtcag ttacgtttgc aaaggagtgt atggttctag gtatttgctt actgttaacc 300

<210> 483

<211> 300

<212> DNA

<213> Homo sapiens

<400> 483

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cagaggccag gaatttgaga tcagcctggg caacatagtg aaactctcat ctttataaaa 120  
agtaatatta aaatttttaa aagtgtataa actgtaaagt atattttact ggtgttttct 180  
tccttattcc tacttgtcag atgcaaatac acatttttgt gtgtttgtgt ttagtaatta 240  
taagtataca tatttcttct atttcatata tttctatgac attatatctt agatgtgtaa 300

<210> 484  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 484  
 caaagaggta cagagtgaag acagtgtcct cctgtttgtt attgcatgga cgatcacgga 60  
 aatcatccgt tactcctttt atacattcag tctattaaac catctgcctt acctcatcaa 120  
 atggggccagg tacacacttt tcattgtgct gtacccaatg ggagtgtcag gagaactgct 180  
 cacaatatat gcagctctgc cctttgtcag acaagctggc ctatattcca tcagtttacc 240  
 caacaaatac aatttctctt ttgactacta tgcattcctg attctaataa tgatctccta 300

<210> 485  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 485  
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 ctggagtggg ggaaacttct gtgtcaccaa acacagaaac catcaaagaa aatctttcac 120  
 ttccaaaatt agtctataga aaaaaaaaaa aaaatcttaa cccaaataag agactgaggg 180  
 aagagcttca atcaatcgag gtttactgag ccagagttgg agcgtgcca ggaaagcaac 240  
 acaagtcaaa gaaacgtctg tggcctgtgc tctcccaaga agttttcagg aggctcaata 300

<210> 486  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 486  
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 gtttttggaa tttgagtga acacttctta atggctgagt aggggtggctt acgcctgtaa 120  
 tcccaccact ttgggatcac ttgaggccgg gactttgaga ccagcttggc caacatgagg 180  
 aaagcacgtc tttactaaaa atacaaaaat tagctgggccc tgggtggctca tgcctgtaat 240  
 cccagctact tgggagtctg aggcgagagg atcgcttgag cttgggaggt ggaggttgca 300

<210> 487  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 487  
 gtctagtata atcttgatgc tcaaaccaga taaggacaat acaagaaagg aagagtatag 60  
 gctaattcta cccaataact aaatgaagta ttagcaaacc agattcatca ataacttttt 120  
 aaaaatcaag aattaattgg atttaggaat ataacactgt gtataacaag ttttaagagaa 180  
 atatatgaga atgataagac tgcaattgaa agtagaggct ttctctggag ggaaaggtga 240  
 ggaggatgtg atttggaaga acagcatggg gaggcatcag ttgtattgta atgtttatatt 300

<210> 488  
 <211> 271  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (271)

<223> n = A,T,C or G

<400> 488

aancnangtn	atnncaaggg	tnattggntg	nggaatagng	aggtggatga	gtcagaggca	60
gagtnatgcn	nnnnntgaaa	gacttaacca	gccatcaccg	gctttgaata	cggaagacgg	120
tcatgagcca	gggaatgcag	gcaggctctg	ggagctgaaa	aaagcaagaa	aatggattct	180
cccctggagc	ctccagaagg	gatgcggtcc	tgccaacccc	ttgtcagtga	gccatttcag	240
atttctgact	tccaggactg	taagaaaata	a			271

<210> 489

<211> 300

<212> DNA

<213> Homo sapiens

<400> 489

aagacctgca	gcttcagcat	cacttgagaa	gttggttagga	atgcatacta	gtgggccccg	60
ccccagaca	tagtgaatca	gaaaccaaca	gggaggcgcc	tagcattgtt	tttttaacaa	120
gtgctgggtt	attctgatgc	acagtctagt	ttaagaacca	ctactttggg	taaacgtttt	180
gactgtttta	agtttatggc	ggtgaagtgg	gcattcttcaa	agactagtac	ttacacagtt	240
tagaagattt	caaggtactg	ctgacagtag	tttattatgt	cagtatacat	acgtgtagag	300

<210> 490

<211> 275

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(275)

<223> n = A,T,C or G

<400> 490

gcactgtggc	gctcacctgt	aatcccacca	ttttgggagg	ctgaggcgga	ggaccacctg	60
aggcaaggaa	ttcagaacca	ctctgggcaa	cataatgaca	ctaacaaaga	ctatctctaa	120
tcaaggctag	aaccaaggga	aggctaataa	ttgccagta	ctgtgcatct	actgaaagcc	180
ctaccaagg	ccaccannnn	nnnnnnnnt	ctntnntatg	ncnantcnga	aanaacngna	240
acnttcacnt	tnttgactga	cgactgtcna	cncat			275

<210> 491

<211> 300

<212> DNA

<213> Homo sapiens

<400> 491

tgatgcctta	gtcacttggc	cacacagttt	tgtggtttac	gagtcatggg	aattgcttgt	60
cttactctga	ctgctaaagt	tctgtcctat	tgtcttttca	tgtaatagca	acatgactct	120
gatgacaaag	cccaactaat	tacacaactt	aattttaatag	tttaaagcgc	aaagggcatt	180
ccctgagcag	taaaatcttt	tgtttggaaa	ttttaaaaca	aatttatatt	tactttatgt	240
tttatattta	cgtaataagt	atttacaaga	acacaatttt	ctcaagattt	aaactgctca	300

<210> 492

<211> 300

<212> DNA

<213> Homo sapiens

<400> 492

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tgaatttctc	tttgagaaat	aatacctgtg	agaatgctgc	tccttcaatt	aggttcagga	180
ttggaggaaa	aatcatataa	aataggttcc	tgcaataata	ttgcccttg	agtatgggtg	240
ggcttgtgac	ctgctcagt	ctaaggaaat	gcagtggaaa	tgatgctgtg	taacttctga	300

&lt;210&gt; 493

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 493

ctgacaactt	gattgggttc	tccttcaggt	ttgaagcgcc	ctcgagaagt	gtctaaagga	60
gacagttgat	agccaaacaa	cagtttttga	ttcactgact	gattatgaaa	gaagcagtag	120
actggtatca	agaatcagtc	agcaaggagg	ccctcaccag	acgccagtgc	catgttcttg	180
gacttctcag	cctccatatt	catgaactaa	gttttttgaa	tccttaggct	tccacgtgtg	240
gaaagcctga	gctaacctac	tggaggatga	gccatcacct	ggagcagatt	caggccatcc	300

&lt;210&gt; 494

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 494

gtcactctgt	cacccaggct	ggagtgcagt	ggtgtgatca	tagctcactg	cagcctctac	60
ctcctgacac	aagctgtcat	cccgttttgg	cttctcaaag	tgotaggatt	ataggcgtga	120
gccaccatgc	ccgaccagtt	tctgctttta	ttaaaattgt	tcacagtttt	atacattcat	180
gttcattaaa	aatgctattt	agaaaagagt	ttgataaaat	aaatattata	caaaattcga	240
agaaaaaaga	aaagagtttc	tgttttcagtc	acaaattagg	gttattgtga	tgtgtattta	300

&lt;210&gt; 495

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 495

gaaaagttaa	aaaagacatt	gagtgatgta	atccaccctg	ggggcaatag	ccatattgcc	60
aatggtgcgg	ccgggtgtgt	ggcaacatta	cttcatgatg	cagccatgaa	ccctgcggaa	120
gtggtcaagc	agaggatgca	gatgtacaac	tcaccatacc	accgggtgac	agactgtgta	180
cgggcagtgt	ggcaaaatga	aggggccggg	gccttttacc	gcagctacac	cacccagctg	240
accatgaacg	ttcctttcca	agccattcac	ttcatgacct	atgaattcct	gcaggagcac	300

&lt;210&gt; 496

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 496

gttatgaaaa	attattccca	ggtcctaagt	tcactctag	gaacttctaa	cattgccacc	60
ttgatttcag	aattatgtgc	accaataact	atgttggtcc	tctcattttt	tccacttttg	120
agcaagaagg	tcacatggca	gttaccctct	gcctgtccta	ccattgtctt	ttgggtatgt	180
gttgggcagg	taatttgtct	cttaagttcc	agaaacgaga	ttgagagaag	caatatatat	240
tcaaggagca	gcatttaagg	aactacctac	accaggaaa	tttcatctgt	acctgcacct	300

&lt;210&gt; 497

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 497

gtcacatctt	aaatggatgg	tggcagacaa	aaagagagag	cttatttagg	gaaactctgt	60
ttttaaaacc	atcagatctc	atgcaactta	ttcaccatca	caagaacagc	agggcacaga	120
cccateccca	tgattcaatc	atttcctact	gggtttcttc	cacagcatgt	aggaattatg	180
ggagctacaa	gatgagattt	gggtgggagc	acagagccaa	aacacatcag	atgccatgga	240
aatacaatga	ggaaaagaca	gtcttttccaa	taaactgtgc	tgggaaacct	ggctatccat	300

&lt;210&gt; 498

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 498

gcaaccttcg	cctcctgggt	tcaagtgtgatt	ctcctccctc	agcatcccaa	gtagctggga	60
ctacaggcac	gtgccaccac	acccagctaa	tttttgcat	tttagtagag	gcagggtttc	120
atcatgttgg	ccaggctggg	ctcaaactcc	tgatctcaag	taatctgccc	actttggcct	180
cccaaagtgc	tggcattaca	ggaatggagc	caccgcgcc	agcctgattt	cttttttttag	240
gtcttgtcag	gaaagatatt	gattcttttg	attcgtgaac	atgggtttttg	gtcgtcttta	300

&lt;210&gt; 499

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 499

cttaacagag	aaggtacctg	aggctcaaaa	aggatgactg	acagtcctag	tggcagaatg	60
gagggtgggat	ctggaaccca	caacttgatt	cctaggactc	ttttttttta	attcccacat	120
tggctgggtg	tgggtggctca	cgctgtaat	cccagcactt	tgggaggctg	agggtgggtgg	180
atcacctaag	gtcaggagtt	ccagaccagc	ctgaccaaca	tgggtgaaacc	ccgtctgtac	240
taaaaataca	aaaatttagcc	aggcatgggtg	gcccatttcc	tgtaatccca	gctactcagg	300

&lt;210&gt; 500

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 500

gggctgacct	taagataagg	agatgatcct	ggattatctg	ggtggaccca	atgtaatcac	60
aagggtcctt	aactgtggaa	tagtgagggtg	gctgagtcag	aggcagagtg	atgcaatgac	120
tgaaagactt	aaccagccat	caccggcttt	gaatacggaa	gacggtcctg	agccagggaa	180
tgcaggcagg	ctctgggagc	tgaaaaaagc	aagaaaaatgg	attctccctt	ggagcctcca	240
gaagggatgc	ggtcctgcca	acccttgtgc	agttagccat	ttcagatttc	tgacttccag	300

&lt;210&gt; 501

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 501

ctgagatctg	cttttactga	agtggatcaa	tgatgaaact	agccaaatct	gagcatcaga	60
aggctttccg	gtctacctga	tgcatgatct	ctacagttct	gagaagcaga	actataaaaac	120
aatgtaaaac	aataaaggga	tatgtctggt	gtgtgtgtgg	ggggtgtgtg	tgtgtgtgca	180
cccacacgtg	tttataaagg	tagcagttgt	aggaatgaat	gagattggggg	gtgaggggggt	240

gcatatgtat gtctatgaaa gcctaatacat ttctgggcaa tgatgtaaag gttttacgac 300

<210> 502  
<211> 260  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1) ... (260)  
<223> n = A,T,C or G

<400> 502  
caccatcgaa tattttttatt tatttttgaga gacagactct gtcacccagg ctagtcttaa 60  
actgttggtg aatcttaagt gattctccca cctcagcctc ccaaagtgtg gggattacag 120  
gcatgagcca ctacccttgg ctgtgatcaa gtatttagtn nnnnnnnnnn nnnnnnntaa 180  
atagtctgaa gtagagaaaa tagcacccaa tctaanataa ggtgaggtct anncacttat 240  
ttaannctnc nttntnnct 260

<210> 503  
<211> 294  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1) ... (294)  
<223> n = A,T,C or G

<400> 503  
gctatgctaa acagccttta catgtatggt ctgggttaaag ttcctttggt ccttttggtt 60  
taataaaatg tgtcactgat tttttagctc aaaatcatca ctgttaattt ccagtcaccc 120  
caaatatggt taaaagattt ttttttttaa tcatgaagag aaaattagta gcatttcctt 180  
ctctcccat tatttattgg ttttctcac taatcttttt ttttttannn nnnnnnccaa 240  
aaatattnat ctnggtttna cntttnaatt ncentnctta atnggaattt tttt 294

<210> 504  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 504  
cagaacttca cagcagcctg tctcatcag caacccaacc accttcatca gcaacccaac 60  
caccttcac agcaacccaa ccacctcgtc agcaacccaa ccacctcgtc agcaacccag 120  
ccaccttcac cagcaaccca accacctcat cagcaaccca gccaccttca tcagcaaccc 180  
aaccacctca tcagcaaac aaccacttct atctgcaacc caaccacttt catcagcaac 240  
tcaacacctt catctgcgcc caaccacctt catcagcaaa ccaaccacct tcttcagcaa 300

<210> 505  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 505  
gccagctac gatctatatg ctgtcatcaa ccactatgga ggcattgatt gtggccacta 60  
cactgcctgt gcacgcctgc ccaatgatcg tagcagtcag cgcagtgcag tgggctggcg 120



cttgtttgat	gacagcacag	tgacaacggt	agacgagagc	caggttgtga	cgcgttatgc	180
ctatgtactc	ttctaccgcc	ggcggaactc	tcctgtggag	aggeccccca	gggcagggtca	240
ctctgagcac	cacccagacc	taggcctgc	agctgaggct	gctgcagcca	gggactaggc	300

<210> 506  
 <211> 276  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (276)  
 <223> n = A,T,C or G

ccaagtntnc	ancanccacc	aaanggnntn	nccgnatgtg	gtccttatac	acaatanagt	60
gntantcatc	catacnaaaa	gaatgagatc	ctatcatttg	caataacatg	gatgaaacta	120
aaagtcattg	tgntatgnga	aatnagncag	gncagaang	tcanaatatc	acgtgttggtc	180
tcctctctctn	tagganntnn	nnnnnnnaag	ccatctgaac	tgacagagat	ggagaatgga	240
aggatggtta	ccagaagtgtg	gtggggaagg	gggaag			276

<210> 507  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

aaaacacaca	cacacacaac	acaatgtttt	cacgcctgta	aacctagcac	attgggaagc	60
caaggtggga	ggattgcttg	aggccaggag	ttcaaggctg	cagttagcta	tgattgcaca	120
ctgtactcta	gcctgggaga	cagagtgaga	cactgtctct	aaaaaaaaaa	aaagtttttg	180
aaccttaaaa	tactttgttt	gaattttctaa	tcatcattca	aaagagcagt	aaaaaatggg	240
tacttgttct	tgtacaagct	actaattaga	ctatagtagg	atatttttaa	gagctgaatc	300

<210> 508  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

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cccactgagc	aaacttttagc	cacatgagta	gctggaagaa	aagccttcta	ggaccaggga	120
acagcaagtg	caacagccct	gagacaggat	gggcttgta	gtttgaggag	cagtgggagg	180
cctgaaccag	gttacatggg	gcccagccag	tatggccacg	actttgtgtt	ttatccagag	240
tacaaaggag	cctcactgag	ggacaaggga	agtggcatga	tgtgaccgc	atattaagag	300

<210> 509  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

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gacggatggt	tgtacgccgt	ggggggtaac	gacggtagct	ccagcctcaa	ctccatcgag	120
aagtacaacc	cgaggaccaa	caagtgggtg	gccgcatect	gcatgttcac	cgggcgcagc	180
agtgtgggtg	tggcggtgct	ggagctgctc	aatttcccg	cgccatcctc	cccagcgtg	240
tccgtgtcct	ccaccagcct	ctgaccacc	taccaccaga	ggcctgcagc	ctccacatg	300

<210> 510  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 510  
tgcaacatca ctgatatcag catcctttaa aatattatct gcttcttggt ctaagagcaa 60  
caaagctggg aattccttat agagttattc acaatgcctc cataatgaat gctgtaggct 120  
gctgtgggtt acagacatca aagtaaagga gcagtccttg gaaaatctaa tcaagggaag 180  
gaagatctat gaacctccac ggtatatgag tgtaaaccac gcagcccagc agcttctgga 240  
gattgttcaa aatcaaagaa tacgaggaga agaaccagca gttaccgagg agacactttg 300

<210> 511  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 511  
gtatcacctg agcaaactct ttaaattata cattctgtga tatttccttg actttcttat 60  
ccagcacttg tattgattat ttttcatttt gataatggtg gggtttttaa aactccttta 120  
tgatggaaaa tttcaaact acacaaaagt agagagagaa tggataata aaccactca 180  
gttttaagga ttgtcaacta ataccagttt tatttcattg atgactccaa caacttcccc 240  
aaccagcctt cagattattt gaaagcaaat ttcagacatc gtattttact catacatttt 300

<210> 512  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 512  
gggcatgggg ccaggaccag gggagaggca cagctccttc ctgagcagcc tctcaccact 60  
gccacaaggc tccctaattg tggctctctg tccactcccc ggcttcccg gaggcaggag 120  
gcagagccac agccaaggcc ctgaccactt ctgtgccagt tgtctaagca gagcgctca 180  
gggacgctgg aaatgcctta aggatagagg ctgggcatca catcaaatgg gactgtgggtg 240  
tttggtgaaa accttcctga ggatctggat tcaggaccct ccatgactgg cctattttact 300

<210> 513  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 513  
cgaataaagc agaaaaggag agatcgctga aggaaaagtc tccgaaagaa gaaaaactga 60  
gactgtacaa agaggagaga aagaagaaat caaaagaccg gccctcaaaa ttagagaaga 120  
agaatgattt aaaagaggac aaaatttcaa aagagaaggg agaagatttt taaagaagat 180  
aaagaaaaac tcaaaaaaga aaaggtttat agggaagatt ctgcttttga cgaatattgt 240  
aacaaaaatc agtttctgga gaatgaagac accaaattta gcctttctga cgatcagcga 300

<210> 514  
<211> 290  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1) ... (290)

<223> n = A,T,C or G

<400> 514

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agtatgagaa gggaggatgg gggagaatct gattaataaaa aatgattcat tccttcacag      60
acactaacia acatggctaa aaagcacatg tcagaacaca gaagcctagg tagatgggtg      120
acatttttat aacttcctta agtgagtagt taaaccagca gtcttaattc tgttgggtct      180
ccaagagtgt ttaattacat aagtattacc tgtattcatt tcccacaact gttgggtttt      240
tctttctttt tttttttttt nnnnnnnnnc tccnataaaa ancncctggg      290

```

<210> 515

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 515

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anaaggcgca ngaagcagaa ggcagagcgg aggcagcaga cgaggatata gaagaggaac      60
agggggaaga aaaggaaaag ggagcgcagg agaaaaggag ggggaagaga gtccgttttg      120
cataagatga agaataagag gaaaattcct cggaggacgg tgacataacg gataagagtc      180
tttgtggaag tgggtgaaaag tacatccac ctcattgtgag gcaagctgag gagacagtgg      240
acttcaagaa aaaggaagaa ctagaaaggc tgaagaaaca tgtaaaaggc ctacttaaca      300

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<210> 516

<211> 300

<212> DNA

<213> Homo sapiens

<400> 516

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gctatctgaa cacagtggaa agatgggacc ctcaggctcg ccagtggaaat tttgttgcca      60
ctatgtctac cctaggagt acagtagggtg tggcagtact aagtggaaaa ctttatgcag      120
ttgggtggctg tgatgggaag tcttgtctca aatcagtaga atgttttgat cctcatacta      180
ataagtggac actgtgtgca cagatgtcaa aaaggagagg tggcgtagga gtgacgacct      240
ggaatggact gctgtatgct atagggggggc acgatgctcc cgcattcaac ttgacttcca      300

```

<210> 517

<211> 300

<212> DNA

<213> Homo sapiens

<400> 517

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ggaaccatga gaaccgaagc tagaattgct attgaattac tttattttct cttcccttat      60
tgggtagaga tacatcatta ctggcctcag gggtttacct aaagaaaggg tatttttgag      120
caaataatgt gatttcctgg ctattttgtt gggggcttaa gatttttttt ttccaaatgc      180
attttttagtc actaaaaatt aactgtcgta ccatctagaa ctatactgtc cagtaccata      240
gcctctagcc gtatgtagct atttgtatta agattaattg aaatttttaa tccagttcct      300

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<210> 518

<211> 214

<212> DNA

<213> Homo sapiens

<400> 518

ctcagacaaa	gaaaccattg	aaattataga	cctagcaaaa	agagatttag	agaagttgaa	60
aagaaaagaa	aagaggaaga	aaaaaagtgt	ggctggtaaa	gaggataata	cagacactga	120
ccaagagaag	aaagaagaaa	agggtgtttc	ggaaagagaa	aacaatgaat	tagaagtgga	180
agaaagtcaa	gaagtgagtg	atcatgagga	tgaa			214

<210> 519  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 519						
agcaattcca	ctcctagctc	cacccacag	aattgaaagc	aaagacgcaa	acagatgcct	60
gtgcacaaaa	gttcacggca	gcatecttcg	ccatagtggc	agcatccgtc	gtcacagcgg	120
catcatcctt	catcatagcg	gcagcatccg	tcgtcacagc	ggcagcatcc	ttcgccacag	180
cggcagcatc	tgctgtcaca	gcggcagcat	ccttcgccaa	agcggcagca	tccttcgtca	240
tagcggcagc	atcctttgcc	atagcggcaa	ggtggaaacc	ctgtccatcc	actgaggcgt	300

<210> 520  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 520						
caccgccagg	ccagctgtca	ggaaacaggg	gctctaggcc	cagcttcacc	acttaggagc	60
tatggctttg	ttcagaaaaca	ttgtgactct	cttaccacaca	cattcctctg	ctggaagggg	120
agattgacaa	accagcatca	tctctaattt	actacaaaag	ccctcactgg	aaattattct	180
taacttagca	gctggtagga	tccattaaaa	aaaaaagtaa	gttagactgt	gttactctgc	240
tgctcaaagc	cctgcagtgc	ctcctcattt	tacctagcgt	aaaacctaaa	gtcctttcca	300

<210> 521  
 <211> 270  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(270)  
 <223> n = A,T,C or G

<400> 521						
cacagttctg	catggctggg	gaggcctcac	aatcatggtg	gaaggcaagg	aggtgcaaaa	60
gcatgtctca	catagtggca	aggcaggaga	gagcatgtgc	aggggagctc	ccatttataa	120
aaccatcaga	tctcatgaga	cttagtcact	accacgagaa	cagtatgggg	ggaaccatcc	180
ccatgattca	gttatctgca	cctggcccca	cccttgacac	ntgggaatta	ttccaatgcn	240
nggtganatt	tgntngnna	nntttncnna				270

<210> 522  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 522						
attgaaggca	gagaaggaag	ggaggaggga	atgattcaag	gccaaaatgg	ccacatttag	60
aagatacctc	agatgataac	cattgttatg	tgtgtgcaat	tttatttaac	agtgtgtgtg	120
atgtggtgga	caagttatat	gaaatatcta	gtctttctag	atatttgga	gtgcttgatg	180
tattttaaag	tggtagtaga	ataacacttt	gtaaatagct	tttaaaaact	gatggggaat	240

gctgttttggga agtgggaattg ttgaaccacc tgggaggtgg gagggaagaa attgcaaattg 300

<210> 523

<211> 300

<212> DNA

<213> Homo sapiens

<400> 523

tgaagaatgg	cgtggggttg	ttcctttcaa	atgcacttga	gcagcgggtct	ccaaccacag	60
ggccacagag	ctggaggtga	gcagcaggcg	agtgaaggga	aacttcatct	gtatttctag	120
ccccctccat	cgcttgcatt	accacctgag	ctccatgtcc	tgtcagatca	gcagcagcat	180
tagattctca	caggagcaca	aactctgttg	tgaagtgtgc	atgcgaggga	tctaggttgt	240
gtactcctta	tgagaatcta	atgcctgata	ttctgttact	gtctcccatc	acccagatg	300

<210> 524

<211> 300

<212> DNA

<213> Homo sapiens

<400> 524

caagaagagt	tttctgttca	gttttgaaca	agatttttgg	aagacattta	ggatgtacta	60
gtttgagttt	ttaaattgat	atattgagata	ttttctcaac	tttctctttg	ggtctgtagc	120
taaaatatgc	agtataatgt	tatatattatt	tatttttttaa	gagatggggg	ctagctattt	180
tgcccaggca	gactcaaatt	cctgggctca	agtgatcctc	tgcttgggcc	tcctgagtag	240
ctgggactta	cagacatgtg	ccaccaaacc	tagtggttat	ataattttta	aaaatattct	300

<210> 525

<211> 300

<212> DNA

<213> Homo sapiens

<400> 525

gccacacggg	cccgcatcat	ccttgcaatc	tggttccgct	acgacctcag	ccccatcacg	60
gtcaagtaca	cagagagacg	gcagccgctg	tacagattca	tcaccacgat	ctgtgccatc	120
attggcgagg	ccttcaccgt	cgccggcatc	ctggactcat	gcattcttcac	agcctctgag	180
gcctggaaga	agatccagct	gggcaagatg	cattgacgcc	acaccagcc	taatggccga	240
ggaccctggg	catcgccagc	cttgccctcca	gtgcccctgtc	tcctttggcc	ctcaatctgg	300

<210> 526

<211> 300

<212> DNA

<213> Homo sapiens

<400> 526

ttccctccct	cctcctttca	ttctcctttc	ctcctttctc	cttccttttc	tcctacctcc	60
tttgactaag	cctccctccc	ctactccctc	ctttccttcc	ttccttcctt	cttctctatc	120
aatataatca	ctttgtttct	ttcagggtgag	atcggactgg	aactgttcgg	ctgcgaccag	180
aaatttattt	tcctgagtaa	attgccgaga	attaagaatg	aagagggcca	tttgcattct	240
cttaaattat	tcagttacct	gctttattgc	tccatgtgga	aaacttaaaa	ttgttaagtt	300

<210> 527

<211> 300

<212> DNA

<213> Homo sapiens

<400> 527

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ctaaattctg	tcctccggcc	ataattccaa	aactttctcc	aatgttaggt	atgtaggcta	120
aaatgtgcta	acagcacttg	tgtttttggt	tccttttggt	ttacttttta	ttatggcaaa	180
tttcaaacat	atacagatac	agaatagttt	aatgaactcc	catgttctca	tcatgccagt	240
tcaaacatga	atacatggtc	aaccttgat	cacttaaaact	cttgcacaca	agccctgccc	300

&lt;210&gt; 528

&lt;211&gt; 296

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(296)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 528

gtaagttatt	tggttaagtt	gaaccctcag	tgcatgggtct	agggatctct	ggagggtcccc	60
aggacccttt	cagagaagcc	atgagggtcaa	aactgttttc	ataagcagaa	ccaaaacatt	120
atttgacttt	ttcaatgcat	tggtatttgc	attgatggta	caaaagcaag	gatgagtaaa	180
atggnnnnnt	ncttagcgng	atcaagatgg	naanaantgc	acnaganaac	nntgtntnct	240
tnnctgcann	gngcntttta	agactnccna	ttcnaantaa	ganancannn	acggcc	296

&lt;210&gt; 529

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 529

aaaacactat	ttacctat	ttccaaggaag	gaagtattga	gattgacatt	ccagtcccca	60
aatacttata	ttctgtgagc	tcacaagaaa	ctcagggcgg	ccccttagct	cctatgactg	120
gaaccattga	aaaggtgttt	gtcaaagctg	gagacaaagt	gaaagcggga	gattccctca	180
tggttatgat	cgccatgaag	atggagcata	ccataaagtc	tccaaaggat	ggcacagtaa	240
agaaagtgtt	ctacagagaa	ggtgctcagg	ccaacagaca	cactccttta	gtcgagtttg	300

&lt;210&gt; 530

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 530

aacaggaata	tggaagaaa	ctcagagccg	agttagtga	aaagtggaaa	gcagagagag	60
aggctcggct	ggcaagagga	gaaaaggaag	aggaggagga	agaggaggaa	gagatcaaca	120
tctatgcagt	caccgaggag	gagtcggacg	aggaaggcag	ccaggagaaa	ggaggggacg	180
acagccagca	gaagttcatt	gctcacgtcc	ctgttccttc	gcagcaagag	attgaggagg	240
cactggtgcg	aaggaagaaa	atggaactcc	tccagaagta	tgcaagcgag	accctgcagg	300

&lt;210&gt; 531

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 531

cttagattct	acctgtaaca	ttttataaaa	cttgctttat	aacacagata	tctatcaatc	60
tcactcttaa	atttaatttt	ttttttgcaa	cagagcaaaa	cccagtctcc	aaaaaaaaaga	120
aaaaggaaaa	agaaatgtat	ttaaattatc	catgctttta	gctatttact	tatgagcctt	180

tataacagat tcttcatagt ctgccttcta tactcccagg gtgatggtct ggggaagggg 240  
gagctaggac ctgtctttcc ttgggtctta tcaccacctc ttccaggggc tgctccttcc 300

<210> 532

<211> 300

<212> DNA

<213> Homo sapiens

<400> 532

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cacatgcaga cacacacatg cagacaacac gcagacacac acatgcaggc actcacatgc 120  
aggcccatgc acacacacgt gcacacacat gcagagacat gcagacacgc aggcacacat 180  
gcacacatgc aaagacacgc atgcaggcac acgcagacgc acacagagac acacatgcag 240  
atacacatgc acacacacat acacacactg gccctgttt ttctgtggtg tcactgggtg 300

<210> 533

<211> 300

<212> DNA

<213> Homo sapiens

<400> 533

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aatcatgtag atacatggca ggtaactgtt tatgggagaa aagtacagtg ctgttacgtg 120  
gcaactgtaca gtcatgtgcc acgtaacagc gtctgggtca gtgacggaca cttacctgac 180  
agcggatcca caatattctc gtgcagtgtg ttggaatcc tggctctggc tctcgtcgtt 240  
ggccttgtag atcaagtagg ggaagtgtg gatgttcagt catgctgctg ggacacttgg 300

<210> 534

<211> 300

<212> DNA

<213> Homo sapiens

<400> 534

gcctggccta aatgaagtac cacatgaccg accgaccgac ctggggaaca tagcaagacc 60  
ccatctctac aaaaatgtaa aaaataaaaa ttagccgggt gtagtggtag atgcctgtaa 120  
tcttagatac tcgggaggct aaggcagaag gatcacttga gcccaggagt tcgaggctac 180  
agtgagctgt gatcgtgccca ctgcactcca tcttgggtgg cagagtgagg ccctgtctca 240  
aaataaataa tccagtcccc cccaagaaag gaatgaagtg ctataatgag aaaaatccta 300

<210> 535

<211> 300

<212> DNA

<213> Homo sapiens

<400> 535

tggacggcag agcccaagtt tcaagctttc cctgtccagt ggaacgaaga ctaacctcac 60  
cagccagtca tctacaacaa atctgcctgg ttctccggga tcacctggat cccaggatc 120  
tccaggctct cctggatccg tacctaaaaa tacatctcag acggcagcta ttactacaaa 180  
gggaggcctc gtgggtctgg tagattatcc tgatgatgat gaagatgatg atgaggatga 240  
agataaggaa gatacgttac cattgtcaaa gaaagcaaaa tttgattcat aataatggca 300

<210> 536

<211> 300

<212> DNA

<213> Homo sapiens

&lt;400&gt; 536

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agtgcacgca gcccgagccc acgggcgact gacagctctg caggagagat ttcaacacca      60
tcccacactg tccaggcctt aactgagagg gacagaagac gctggaagga gagaaggaag      120
cgggaagtgt gcttctcagg gaggaaccg gcttgccagc aagtagattc ttacgaactc      180
caacttgcaa ttcagggggc atgtcccagt gttttttttg ttgttttttag atactaaatc      240
gtcccttctc cagtccctgat tactgtacac agtagcttta gatggcgtgg acgtgaataa      300

```

&lt;210&gt; 537

&lt;211&gt; 267

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 537

```

tttacatttt gtttgaatca ggatccaaat aagggtttaa tattgcaatt tgattaatac      60
attaagattc ttttaattcta taagtccctg ctccatctgt cattttattt ttatcccttg      120
aaattttatt attgaagaaa ctatatcctt tgctttgtaa aattttccac agtgtggctg      180
gctttggctg attgctagcg tcatttgcta tttatttttg tccgttatct tggatctggc      240
gccttgatca gatttaagtt gattttt

```

&lt;210&gt; 538

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 538

```

ggtttttgat gggattattc aagtgtcaga attaactggt caaaatgttc tgaatcatgt      60
agatacatgg caggtaactg tttatgggag aaaagtacag tgctgttacg tggcactgta      120
cagtcattgt ccacgtaaca gcgtctgggt cagtgcagga cacttacctg acagcggatc      180
cacaatattc tcgtgcagtg tgtttggaaat cctgggtggg gctctcgtcg ttggccttgt      240
agatcaagta ggggaagtga gtgatgttca gtcacgctgc tgggacactt ggatttccag      300

```

&lt;210&gt; 539

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 539

```

accagaagga agaaggatta ctaaattaga tcagattttg ctaaattggaa ataataaac      60
aatgctggtt cctggaggag aaggacctga agtgtgaatg agtttccttg acttacacta      120
gattttgttt tggcttataa tgacaagaaa atggaatttt ttttccctct ttctaattgt      180
taaattcccat aaagctaagt ttcccgttaa aggggaagtgc tttgaagatg tgtaccatt      240
tttgtaagtt aatcatgatt atcctggaaa aagaagaaaa gagcttcttc tttgcagaga      300

```

&lt;210&gt; 540

&lt;211&gt; 297

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(297)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 540

```

gnnctataga atacaagcta cttgttcttt ttgcnnganc ccatcgantc ggaattatag      60
tattgacgtg aatcccactg tggatatagat tccataatat gcttgaatat natgatatgg      120

```



ccattttaata	acattgattt	cattctgttt	aatgaatttg	gaaatatgca	ctgaaagaaa	180
tgtaaaacat	ttagaatagc	tcgtgttatg	gaaaaaagtg	cactgaattt	attagacaaa	240
cttacgaatg	cttaacttct	ttacacagca	taggtgaaaa	tcataatttg	gctattg	297

<210> 541  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 541						
aatggcctgc	ctcacacgtc	agccagaacc	cagctgcccc	agtcaatgaa	gattatgcat	60
gagatcatgt	acaaaactgga	agtgtcttat	gtcctctgcg	tgctgctgat	ggggcgctcag	120
cgaaccagtg	ttcacagaat	gattgcagag	ttcaagctga	tccttggaact	taataatttg	180
tttgacaaac	tgatttggag	gaagcattca	gcatctgccc	ttgtcctcca	tggtcacaaac	240
cagaactgtg	actgtagccc	ggacatccct	tgaagataca	gtttttgagg	cttcttcaga	300

<210> 542  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 542						
gactgtgtgt	gctgggtgtg	gtgtgagttc	tacgttttcta	ccatatgtga	tcagtttaat	60
agtaacttta	tttattttaa	aaaaagaaac	acaattagtt	actgttaaac	tgataaaggg	120
tgtttatatt	taccttttag	aattggctct	atgaagaagt	agaaagtgag	tcatgcacta	180
gacagtgggc	ctagctcatc	agtggctaaa	gttgaaaagg	ggttggtttc	ctgtatatat	240
atgtatgtat	atacacacgt	acatacatc	atatatatata	atatatacat	aatgtgctta	300

<210> 543  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 543						
ccagagctgg	cagaagaaaa	cagtaaagct	tagagtagaa	ataaatgaaa	taaagaacag	60
agaaatatag	aaaatcaaaa	ataccaaaag	ttggctcttt	gaaaagatca	acaaaattgc	120
caaccctttt	aagtagacaa	gaaagaatga	attgttggtg	gtgcagtggg	gagcatagct	180
gcttttcaag	aacaaaaaag	actcaaata	ctaaaatcaa	gaatgatcaa	gaatgagaga	240
gtagacatta	ctacagatct	tacagaaatg	aaaggattat	taatgagtac	tgtgaacagt	300

<210> 544  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 544						
gtctctgcaa	aagacccttc	cgaccagagt	gttcgtggaa	ctggttccct	gggctgaccg	60
gagccgggag	aacaacctgg	cctcaggagg	agagacgcta	ccgggcttac	gccacccctt	120
ctcctcaaca	caagcccaaa	ctgctaccgg	cgagggtgca	gtaagcggca	cctcagaagt	180
gtctgcgggc	cctgaccggg	cgcagggtgt	gggtgcgagt	agcagcacca	aggaggcggc	240
agccgaggcc	aaaaagagcg	tttgtcgccg	tctagattac	atcacgcaga	gcctccagca	300

<210> 545  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 545

taagaatcca	ccaccaccca	tcaattttca	ggaatgggat	ggtctctgttaa	ggataacctt	60
tgtaggaaa	aacaagacac	tctctgctgc	attttaaata	agtgcagtgc	aacaactctt	120
ggaaaaaac	tacagaatcc	actgttcagt	ccataatatt	ataataaccag	aagattttcag	180
catagcagat	aaaatacagc	aaatcctaac	cagcacagggt	tttagtgaca	aacggggccc	240
ttccatggac	atagatgact	tcatacagatt	gctacatgga	ttcaacgcag	aaggatttca	300

&lt;210&gt; 546

&lt;211&gt; 298

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(298)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 546

gaaaggacag	tgctacttgt	atatgaaggt	tatagaacga	gcggcttttc	ctcggcgtct	60
ctgggaacgg	gtccggctta	gtaaaaacta	tgagaaagca	ctggagcaaa	tagatgaaaa	120
tctgatttac	tggccccgtt	tcattcgaca	caaagtgaag	cagagattca	ccaagatcac	180
ccaataccta	attcgaatta	caaaacttac	actaaagcga	cagaggaaac	ttgttccttt	240
gagtaacgaa	ggtggagcgt	agannnnnnn	nganganang	aaaaggcctt	nttagctg	298

&lt;210&gt; 547

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 547

agtaaataat	aatgtgcca	ctgcattctc	acctgggtgg	gtgacaaagc	aagacctgt	60
ctccaaatat	atgtatgtat	gtgtatatat	atatatgcac	acacacacac	atatacacac	120
atatatatat	tctgaatata	tatatctgtg	actccccgaa	ataaattcag	tttatatata	180
tgtaaataaa	ttctgaagac	tctacatgtg	tgtgtatata	tacacatata	tttttgtatt	240
aacgttaata	gtaatatata	catgagttca	gggtattagc	cagttctgtc	tttcgggatg	300

&lt;210&gt; 548

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 548

atcagtatga	actcttaaaa	catgcagaag	caactctagg	aagtgggaat	ctgagacaag	60
ctgttatggt	gcctgagggg	gaggatctca	atgaatggat	tgctgtgaac	actgtggatt	120
tctttaacca	gatcaacatg	ttatatggaa	ctattacaga	attctgcact	gaagcaagct	180
gtccagtcac	gtctgcaggt	ccgagatatg	aatatcactg	ggcagatggg	actaatatta	240
aaaagccaat	caaattgttct	gcacaaaaat	acattgacta	tttgatgact	tgggttcaag	300

&lt;210&gt; 549

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 549

tctccttgcc	tttctcctga	aaggatatgag	actacttgcc	ttactgtcat	attattgagg	60
gaatcagcgc	aaagcctgag	gaaatgaaca	gtagctgtgg	gtcaaagcca	tgtctccagg	120

ttcacggctc	actccccag	gacaagccta	gttaggtagt	ggctgcatct	ggtatccctg	180
ggacagaaat	gcaggtgaga	gggggtatca	agaatgcctc	gagcctctag	aactatagtg	240
agtcgtatta	cgtagatcca	gacatgataa	gatacattga	tgagtttgga	caaaccacaa	300

<210> 550  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

gaaccaagaa	aatatattaaa	aatctaagca	gtcctttgct	cattaaagga	taaatcagta	60
gttaacactt	tttctacaaa	gaaatgggtg	gcctggatgg	tcgtgtaggt	gagttttacc	120
aaggattatg	gtaacaaatg	agtggagacct	ctatggagaa	aatattgaag	gacattaaag	180
aagacctcat	aaatggagag	agatatatca	ttaatggata	ggaagcctca	atggcataag	240
tatgtcagtt	tctttcaaaa	ctcacctatg	gattcaatgt	gattccaaac	caaatcccaa	300

<210> 551  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

gctacttggt	ctttttgcag	gatcccatcg	attcgaattc	ggcacgaggt	caagcctgta	60
atcccaacac	tttgggagac	cgaggtgggg	gtatcgattg	agcctcggag	gtcgagatca	120
gcctgggaaa	cacagggagg	cccccatcgc	tacaaaatat	tttaaaaatt	agccaggtgt	180
ggtggcttgt	gcttggtgtc	ccggctactt	gggaggctga	agtgggaggg	tggtttgagt	240
ccaggagttc	actgcactga	gctgtgatca	caccactgca	ctccagcctg	gacgacagag	300

<210> 552  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

cgcaaaactgg	ctaattctctg	ntananaact	atgatntncc	ccatnatggt	gatannaggg	60
nccttagggg	gnanatngna	aaaaacctnt	gaccnangcn	cnnatganc	aangnnttgn	120
tactccacgt	gtaatgcntc	ncaaacnttg	ncntatngct	ctgaanacnc	tncgcgacca	180
ngaanaatan	anaagannct	gnanannatg	ctanantttt	ggccnanana	atgaacgagg	240
ctaaagagat	tcnctggan	cnaannntg	aatagantca	tactttcctn	tctgctagct	300

<210> 553  
 <211> 297  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(297)  
 <223> n = A,T,C or G

<400> 553

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aggaagttga agctgcaatg ggctatgac gtgccactgc accccagctt gggccacaga      60
gcaagagcct gtctcaggaa aannnnnnnn naaaantcca aaantanttn gnangttcca      120
aattgcnngc cnttctgana aangnaatac gancnaatct tccacntcn tactcctcc      180
cacctaanat gngaaccctn tttgnccann ggntccaaac ngnatnngct acttgngngt      240
tagnaatcaa ccannkatan cagggnanct tttaacgnag gagtgccttn ntgggta      297

```

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<210> 554
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 554
ttattcaagt gtcagaatta actgttcaaa atgttctgaa tcatgtagat acatggcagg      60
taactgttta tgggagaaaa gtacagtgtc gttacgtggc actgtacagt catgtgccac      120
gtaacagcgt ctgggtcagt gacggacact tacctgacag cggatccaca atattctcgt      180
gcagtgtgtt tggaatcctg gtctgggctc tcgtcgttgg cctttagat caagtagggg      240
aagtgagtga tgttcagtca tgctgctggg acacttgggt atccagatga aaacacataa      300

```

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<210> 555
<211> 273
<212> DNA
<213> Homo sapiens

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```

<220>
<221> misc_feature
<222> (1)...(273)
<223> n = A,T,C or G

```

```

<400> 555
ctctatcttg tttattgttg atgccatctt agaggaaaaa atgtaaaggt aagtaattaa      60
gcatatgaca gcaacaaata agatacttat aacctaatgg gactttatct ttagtattta      120
tgtattacaa aaaatccacc tttctctaag ggaagtttgt accccattga ttcttggtgc      180
ctttgggata gactgggttt taatggccta gttatttgag gattttgctg ngntgtnnnc      240
atggncnttn ngatnncctt nganganann nnc      273

```

```

<210> 556
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 556
gtgccatctt gctatgtttc ccaggtcggg tttgaactcc cagcctcaag caatcctccc      60
tttcgcctc agcctcccaa gtggctgggg ttatgggctt gagccactac acagctaaga      120
gtgtcttgta tgtgctaata agatggctgg tgtctgagag cccctagaga gcttcaagat      180
gggggctagt ctttagaaag tccaagcaat ggctaggtat ggtggccact gcctgtaatc      240
ccaggagttt gggaggccaa ggtggacaga tcacctagga gtttgagacc agcctggcca      300

```

```

<210> 557
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 557
ttctcagata cctgatggat ccagacacat tcactttcaa ctttaataat gaccctttgg      60
tccttcgacg gcgccagacc tacttggtgt atgaggtgga gcgcctggac aatggcacct      120
gggtcctgat ggaccagcac atgggctttc tatgcaacga ggctaagaat cttctctgtg      180

```

gcttttacgg ccgccatgcg gagctgcgct tcttggacct ggttccttct ttgcagttgg 240  
 acccgcccca gatctacagg gtcacttggt tcatctctcg gagcccctgc ttctcctggg 300

<210> 558  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 558  
 gtactccagg ttgtgtttgt gaatcaagat gaacagcccg ttcaaggcca agaggctgag 60  
 ggcccccccg aggtcgcagg cgcggttgag gaagtcgata atgagcgtgg gctgcgccag 120  
 ctgcggcagg atggcgatcat gcacaatcag cagcaccttc ttgtagaggc tgaggggcag 180  
 cttgtgcttg aggaagctga gccacatggc ctggaaaacc ctctgtgct ccttcagggtg 240  
 agcaacctct cgtgccgaat tcgaatcgat gggatcctgc aaaaagaaca agtagcttgt 300

<210> 559  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 559  
 gaaaacatct aactaagatg gtttcactgg tgaattcaat caaatattta aggaacacat 60  
 aataccaaaa ccataacaca tacaatatata tggcccttca gattttgtac ttctttttgt 120  
 gtcagtgtta ataatacgta tctttcaaag aatatccccc tttttttttg gtagagatag 180  
 ggttttgccg tgttggttgg agcaagccct aaccctgtca taaacaggcc ttaaataaac 240  
 tggccataaa caggatttct gcagcaatgg gacatgctca tgatggctgt catgcacact 300

<210> 560  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 560  
 acactgtccc actccatcac ccaggctgga gtccagtggt gtgatcatag ctgctgcat 60  
 cctccagttc ctgggttcaa gccatccctc ctgcctcagc ctccccagta gctggaacta 120  
 cagggtgtgtg ccatcacacc tggctttaca tttttctgtg gggctctact atgttgccca 180  
 ggccggtctc aaactcctga gctcaagtga tcctctgcct cagcctccag agtatctggg 240  
 attacatatg tcggctaccg tgtctggccg ttcacatctt tggccactat ttgcttgtga 300

<210> 561  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 561  
 aatgagaaaag aaggaggaat ctgaagcctt gggtaaggat ttggggcaca gtaccaggag 60  
 gggggcttgg tgccagacct catgaggaag aaggattttc ctatgtacag agaaggggac 120  
 cctgtcctgt tgggaggtgc tgtgcaaacc taaccaagtt actaaccctc ctgttttatg 180  
 tgctacacaa aggggataaa tacaagcttc cctctctagc caattctatt tggttcctga 240  
 gtttggaataa gtgatagata ctgattttct atgattttat gaggacttaa ataagctcct 300

<210> 562  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 562

ggaggacgag	gaggaggacg	acgaagagga	ggaggaggaa	aaggaggtgg	aggagcagca	60
gcagcagctg	cagcagctaa	tatgtttgtac	ttattctgtg	ctgggcaaaa	ttctggatat	120
ttttcatgta	ctattttaagc	ctcacaaaaa	tcttatgata	taggaaatgc	ttgtttccat	180
ttggcacatg	aagaaactga	agaacagaga	aatgatgaaa	cttgcgagg	gtagtctgtc	240
cagagtctgt	attttaacta	ctgctgtgtt	gcctcccatt	gcatagtac	ttcacgtgta	300

&lt;210&gt; 563

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 563

gcctattccag	ttcctggtaa	gggctgtctt	cctggcttgc	agttgaacta	cttcttctgt	60
tgtcttcaca	agcatgcccc	catcctgtgc	cgataagaac	tccagacccc	aaactcagct	120
catacacaca	cggaagagag	aagcatctga	acatcaagaa	gagaagaagc	tgctggacat	180
cagaaactgt	gaaaggagag	gagtttggct	gagctccagg	ggaagactgc	ctgcacattc	240
tatccccctt	tcagttcccc	atcctgctgt	cagccacatt	taccactcaa	taaaatcttc	300

&lt;210&gt; 564

&lt;211&gt; 299

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(299)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 564

gagaagccaa	gggagaggag	gaggaggaaa	ctaacgattc	cctgcccacc	cccacaccca	60
gcaccaccaa	caggtgggca	agcttgccga	gaaaacgcag	agggcatcct	gtgagcagca	120
aacactctga	gnnnnnnnaa	gacgcagaga	agtaaagatc	aaagcgctac	tncangatcc	180
cgtaccagac	tcaagccatg	gctggtcctt	tctccgtctg	ctgtccgccc	gcccggaactc	240
agcttctggt	tttggccgag	cggttcttac	ccgtgggttt	ctgctccgac	ggaacctgt	299

&lt;210&gt; 565

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 565

cttgagccca	ggagttcaag	tccaacttgg	gcaacatgac	aagacccttg	tctctttaaa	60
aaagcaactc	aaaccatgtc	ttgaaaagct	atttaatggt	cagacacgat	ggctcacgcc	120
tgtaatccca	gcactttggg	aggccgaggg	aggcggatca	cttgaggtca	ggagttcaag	180
accagcctgg	ccaacatggc	aaaacccagt	ctctactgaa	tgaaaataca	aaaattagct	240
ggcctagcag	ttgggtgggtg	caggtgcctg	tagtcccagc	tacttgggag	gctgaggcag	300

&lt;210&gt; 566

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 566

attttgcttc	ccttgctcta	gagagagtat	caaggcccag	ggggccaccg	gcgaggtgta	60
ttgcccagc	ggagagaaat	gccccctagt	cggtgcgaat	gtaccttggg	ccttcatgca	120

gggcgaaatc	gcgactatct	tagctgggga	tgttaaagtg	aaaaaggaga	gagacccttg	180
aaccactggg	cagccacctc	ctttgcccta	gaccagctcc	tctccaatcc	tgagggcccc	240
tcccccaacc	caactcgacc	ctccctcccc	tcacccccaa	gggtgtagaat	tgtgaatata	300

<210> 567  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

tcaagtgtca	gaattaactg	ttcaaaatgt	tctgaatcat	gtagatacat	ggcaggtaac	60
tgtttatggg	agaaaagtac	agtgtctgta	cgtggcactg	tacagtcatg	tgccacgtaa	120
cagcgtctgg	gtcagtgcg	gacacttacc	tgacagcgga	tccacaatat	tctcgtgcag	180
tgtgtttgga	atcctgggtc	gggctctcgt	cggtggcctt	gtagatcaag	taggggaagt	240
gagtgatgtt	cagtcattgt	gctgggacac	ttggttttcc	agatgaaaac	acataaataa	300

<210> 568  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

gctcttgttc	ttnttgcagg	atccttcgat	tcgtttaagg	aaaaccagca	aataacaaga	60
aaaccattta	atgtaaagat	ttgtaaataa	tcacttcaaa	agaagtgcct	tgttgctgtc	120
acatttagtc	catcttcata	taattcttat	ctgggccagt	ttcttgggca	tgggacatgt	180
gcagttacac	aagcctgtgc	tcttaagagg	gtcttaccca	tagtttaatg	ttctgctgtt	240
gtagtcttga	aattcttaat	gatttaacaa	ggggctcctc	attttcattt	tgactggggc	300

<210> 569  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

aagcagcttg	gggtcactc	cccctccacc	ttgctgacca	ccctcatgtt	ctttaatacc	60
aagtacttcc	tattgaagac	agtggaccag	cacatgaagc	tggccttctc	caaggctctg	120
cgacagacaa	agaagaacct	ctctaattcc	aaggataaaa	gcacgagtat	ccggtacttg	180
aaggcccttg	gaatacacca	gactggccag	aaagttacag	atgacatgta	tgacagaacag	240
acggaaaatc	cagagaatcc	attgagatgt	cccatcaagc	tctatgattt	ctacctcttc	300

<210> 570  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

cccaggatga	actggttgca	gtggctgctg	ctgctgcggg	ggcgctgaga	ggacacgagc	60
tctatgcctt	tccggctgct	catcccgtc	ggcctcctgt	gtgcgctgct	gcctcagcac	120
catggtgcgc	caggtcccga	cggctccgcg	ccagatcccc	cccactacag	ggagcgagtc	180
aaggccatgt	tctaccacgc	ctacgacagc	tacctggaga	atgcctttcc	cttcgatgag	240
ctgcgacctc	tcacctgtga	cgggcacgac	acctggggca	gtttttctct	gactctaatt	300

<210> 571  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 571  
 gttgcttttca aaagacacat atcaccatag tacatgtaat aacacacata ggctcaaagt 60  
 aaaggggtgg cgaaagatct gttatgcaga tggaaaaaaa gatcaggggt cactattctt 120  
 gtatcagata aacagactt tttaaataca caacagtaga aaaaggacta gggcattaca 180  
 taatgaagaa gggttcaatt caacaagatt tatectatac acaccaaga ttggagcact 240  
 cagatttcta aaactattat ttctagacct agggaaaaga ttaaaccggc acataataat 300

<210> 572  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 572  
 gaaagaccga gatagagaga gagacagaga cagagagcga gaccgtgatc gggacagaga 60  
 aagagaacgc accagagaga gagagaggga gcgtgatcac agtcctacac caagtgtttt 120  
 caacagcgat gaagaacgat acagatacag ggaatatgca gaaagagggt atgagcgtca 180  
 cagagcaagt cgagaaaaag aagaacgaca tagagaaaga cgacacaggg agaaagagga 240  
 aaccagacat aagtcttctc gaagtaatag tagacgtcgc catgaaagtg aagaaggaga 300

<210> 573  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)... (300)  
 <223> n = A,T,C or G

<400> 573  
 ggctgcgagg ttttcggctt tggctcctga tatgcagcga cagaattttc ggcccccaac 60  
 tcctccttac cctgggtccg gtggaggagg ttggggtagc ggaagcagct tccggggaac 120  
 cccggggcggg ggcggaccac tgccgacctc tnnnnnnnnn nggnacggna ntacnaataa 180  
 cncnccaccg tacgcgcctt natecnngnc ntaccgtnc aggtgctnnn naagntncac 240  
 caggccctaa ccgggggttct ggcngancnc aatggccctg aangacgccg ncnagaccg 300

<210> 574  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 574  
 agattatgag catgtagaag atgaaacttt tcctcctttc ccacctccag cctctccaga 60  
 gagacaagat ggtgaaggaa ctgagcctga tgaagagtca ggaaatggag cacctgttcc 120  
 tgtacctcca aagagaacag ttaaaagaaa tatacccaag ctggatgctc agagattaat 180  
 ttcagagaga ggacttccag ccttaaggca tgtatttgat aaggcaaaat tcaaaggtaa 240  
 aggtcatgag gctgaagact tgaagatgct aatcagacac atggagcact gggcacatag 300

<210> 575  
 <211> 300  
 <212> DNA



&lt;213&gt; Homo sapiens

&lt;400&gt; 575

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aacaagtttg	ccttctccta	tgttttccag	aaatgacttc	agtatctgga	gcatcctcag	120
aaaatgtatt	ggaatggaac	tatccaagat	cacgatgcca	gttatattta	atgagcctct	180
gagcttccta	cagcgcctaa	ctgaatacat	ggagcatact	tacctcatcc	acaaggccag	240
ttcactctct	gacctgtggt	aaaggatgca	gtgtgtagct	gcgtttgctg	tatctgctgt	300

&lt;210&gt; 576

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 576

aagagaagct	gagacttctg	cttccacacc	ccctgcaagt	gctttcttga	aggcctgggt	60
gtatcggcca	ggagaggaca	cggaggagga	ggaagatgag	gatgtggata	gtgaggataa	120
ggaagatgat	tcagaagcag	ccttgggaga	agctgagtc	gacccacatc	cctcccaccc	180
ggaccagagg	gcccacttca	ggggctgggg	atatcgacct	ggaaaagaga	cagaggaaga	240
ggaagctgct	gaggactggg	gagaagctga	gccctgcccc	ttccgagtgg	ccatctatgt	300

&lt;210&gt; 577

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 577

actcgagacg	ctgaggcagg	agaatcgctt	gaacccggga	ggcggagggt	gtagtgagct	60
gagatcggtg	cactgcaccc	cagcttgggc	aacagagcaa	aactctgtct	ttaaaaaaaa	120
annnnnnnnn	nnnnnaacaa	acaancaaaa	aaaaccttat	atggncctgg	ctgggcgtgg	180
ngccttatgc	ccacaatccc	agcnttttgg	naggccagga	tgggaggatn	acttganccc	240
anaantttga	naccagcctg	ggctacanag	tanggcccn	tntntacaaa	aaaaccttaa	300

&lt;210&gt; 578

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 578

ggtagactgg	ctagggatcc	tggacccagg	gttccacgta	gcaacacctg	ctgagttctc	60
tgggttttct	tcctgcctca	tgtagccag	acttggagct	gaagaagctg	gaaacatgga	120
aacaccaaca	gctacagacc	aaaaaaagtc	ccaacaaagg	cctgtcagtc	tgccagcctg	180
ttctgtggat	ttccaactca	agattgcagc	atcaactcac	acctgaagtt	ctggcttccc	240
tacaaacttt	gaacttgcca	gtccccacaa	tggcataagc	caattcctta	aatgaatgt	300

&lt;210&gt; 579

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

<221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 579

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tggtgaaatg	ccatctctat	taagaataca	aaaattagct	aggtatgggc	gcagacaccc	180
gtaatcccag	ctccttgagg	ggctgaggtg	nnnnnnnnnn	ttgaaccenn	gaggnngnag	240
ctgctgtnnn	cnnagactcgn	nataatnactg	cacctgggng	actgcagtga	anctttatct	300

<210> 580  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 580

atacactgca	tttgctggtg	ctgtttttat	atagtgaagc	aacagctgta	cagcaaaaata	60
ataaaatact	cacttcttcg	ttaaaaaaa	aaaaatttac	ttcttacaat	tctggaggcc	120
aggaagacca	tgatcaggtg	ccagcatctg	ggaaggccct	tcttgctgtc	ctcccatggc	180
agaagatgga	agggcaagg	agagctaaca	tgctcccgca	aacccttttt	ataatggcat	240
caatcaaata	tgaggccaga	gtccttgtga	cctaatacatc	tcccaaaagg	ctccgcctcc	300

<210> 581  
 <211> 283  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(283)  
 <223> n = A,T,C or G

<400> 581

gtcctaagc	cgctgaagca	aaaaccatga	taaaacattc	tgctttcttt	tcttttacia	60
ccccacgaac	gcaaaaaaaa	aaaaaaccaa	aaccaaacca	aaaaaaaaaa	nnnnnnnnnn	120
nnnnnnnnnt	nttngnngna	aaaanggggt	ttgnncnngg	nannaaccan	tnnaantnna	180
aanntnncaa	anaggggtna	nctttntnnc	tnancttttn	aaaangttna	tnnnaatnnc	240
cngnnaaanc	cancnnggt	tngcctnna	aaggtnacct	aaa		283

<210> 582  
 <211> 283  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(283)  
 <223> n = A,T,C or G

<400> 582

cccaacnata	gccttttcna	nnnttaaagg	tttttgnant	netgggccnt	ncngacgtna	60
nnctnancn	nttttttaag	cnggtttgcc	nggggnncng	gtggnnnnntn	nggggtnttt	120
ggtnnctggg	ggcnanancn	acttncctnc	cccgggccat	ncntnnnnnn	nnntgtagga	180
aagttcttca	cttttttctc	tgagggctgg	gggttggggg	agtcagcatg	attatatattt	240
aatgtagaaa	atgtgacatc	tgatataaaa	atgaaaataa	atg		283

<210> 583  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 583  
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 ttttaaaatt tcaatttcta attgttcatt atagaaacac aattgggttt tatatattgg 120  
 cattgtattt tgcaactttc ctaaactcac tagtaattct agtagctttt tttggtagat 180  
 tcttaaggat tttctgtgta aatagtcatt tcatttgtga ataaagccat tttttttcc 240  
 ttttcaaatt ttgtgccttt tatttcttat tcttaccata tcacattggc aaagacctcc 300

<210> 584  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 584  
 aaaatggaga agccaaaatt acagaggcac cagcttctga aaaagaaatt gtggaagtaa 60  
 aagaagaaaa tattgaagat gccacagaaa agggaggaga aaagaaagaa gcagtgaggcag 120  
 cagaagtaaa aaatgaagaa gaagatcaga aagaagatga agaagatcaa aacgaagaga 180  
 aaggggaagc tggaaaagaa gacaaagatg aaaaagggga agaagatgga aaagaggata 240  
 aaaatggaaa tgagaaagga gaagatgcaa aagagaaaga agatgaaaaa aaggttaagac 300

<210> 585  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 585  
 gtccagaaat actctgatac tagctatggc cagcaacatt taatgaaaac ccttatgtta 60  
 aaaataaacc cctgcctcct ggcttcaagc gattctcctg cctcagcctc ctgagtagct 120  
 gggagtatag gcacgtacca ccacaccag ctaatttttt gtatttttac tagagatggg 180  
 tttcacagtg ttagccagga tggtttcgat ctctgacct catgatccga ccgcctaggc 240  
 ctcccagagt gctgagatta caggcgtgag tcaactgtgc cggcctcnnn atgttaggaa 300

<210> 586  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 586  
 caagggcctc tggatggaat gtgccacaca cagcacaggc atcaccagc gtgacatcta 60  
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 cagtgcatac tcttccctgg cctacttctc aagcttccct ccaaagaaac tgattggccc 180  
 tggaaacctc atcccactct tggttatgact ccacagtgtc cagactaatt tgtgcatgaa 240  
 ctgaaataaa accatcctac ggtatccagg gaacagaaaag caggatgcag gatggaggac 300

<210> 587  
 <211> 300  
 <212> DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 587

ggactaactt	acagaggagc	tgtgtatcct	gaagattcag	cgactggcaa	ggaatttcct	60
tgggagcaat	gtgtgagga	ggccatctga	ggagatctgt	ggctttcttt	tggtgtggga	120
atctggctta	tggatgaatc	tacgacacag	gattgtgaaa	ttacagctct	ttgggaacaa	180
aaggaaggca	gtattgcatg	acttagtttc	ccagcttcac	ttccctttg	gcatgggtgag	240
tttggggctc	tgagagtcta	ttttctttca	cacctatcag	cactgttaag	taagcaggaa	300

&lt;210&gt; 588

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 588

aaaaacctgg	gtatgtatct	agaagtggaa	aaacaaaaaa	aggaaataag	ttatgaaaat	60
aaaaaccatg	tcttgagctg	ggtgcgctgg	tgtgtgccta	tatccctaga	ttctcaagag	120
gttgagacag	gaggatcact	tgagcccagg	agttcaagtc	caacttgggc	aacatgacaa	180
gacccttgtc	tctttaaaaa	agcaactcaa	accatgtctt	gaaaagctat	ttaatgggtca	240
gacacgatgg	ctcacgcctg	taatcccagc	actttggggag	gccgaggcag	gcggatcact	300

&lt;210&gt; 589

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 589

cctcctactc	ccaaacaaat	ctttggggaa	aaaaaaaacta	ccaactgtca	gccatggggcc	60
tgacggcgct	aagctctggg	gtcccgctga	ctgacgtggg	gccagccaca	gggaggcggg	120
gatcaagtag	cggaggccag	gattttggcc	acctcccggg	caagttgcag	ggcagtgggc	180
ccgggagcaa	aagcagcatg	atgcagctca	tgcacctgga	gtccttttat	gaaaaaacct	240
cctcctgggc	ttatcaagga	agatgacact	aagccagaag	actgcatacc	agatgtacca	300

&lt;210&gt; 590

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 590

ggggcggagg	cgggagaggc	gagctcgcca	tgagtggctc	cggcaggctc	ttcgggaagg	60
ggaagaagga	gaaagggcca	accctgaag	aagcaatata	gaaactgaag	gagacagaga	120
agatactgat	caagaaacag	gaatttttgg	agcagaagat	tcaacaggag	ctacaaacag	180
ccaagaagta	tgggaccaag	aataagagag	ctgccctaca	ggctttgcgg	aggaagaaaa	240
gattcgaaca	gcagctggca	caaactgacg	ggacattatc	cacctgggag	tttcagcgtg	300

&lt;210&gt; 591

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 591

gagaagctga	cgggcatgtg	gtggaaacag	ctgggtggccg	gcgcagtggc	aggtgccgtg	60
tcacggacag	gcacggcccc	tctggaccgc	ctcaaggctc	tcatgcaggt	ccatgcctca	120
aagaccaacc	ggctgaacat	ccttgggggg	cttcgaagca	tggtccttga	gggaggcatc	180
cgctccctgt	ggcgcgga	tggtattaat	gtactcaaga	ttgccccga	gtcagctatc	240
aagttcatgg	cctatgaaca	gatcaagagg	gccatcctgg	ggcagcagga	gacactgcat	300

<210> 592  
 <211> 275  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (275)  
 <223> n = A,T,C or G

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 tggctttnta ggcnatatgc tcanagtgcg acagcggnac cntgccctca natncttacn 120  
 naagctttga ntaggnccat nnnnngctac ntccctgaan tectnccnc cctcactggc 180  
 tgccctnaca ngccanctga cgantgncct taaaggcatt aacncgcntc nnttggtgng 240  
 tcttcnggct tanggaganna agaggtggct ctgga 275

<210> 593  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 593  
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 acctaaagt gtagttgaca tgccttggt ttataggagg atatacatcc tgaaagtttt 120  
 agggactggc aaagaattta ctgctgagca atttgtgatt gcagtcacct ggagattcat 180  
 gaggtttttt gcctttttgt ggggatctgg ttaatgcata atattttgac acaaggttgc 240  
 aaggtaacag gtatccattt gggaaaagaa tgacagtttt ggagaacatt agttctgcag 300

<210> 594  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (300)  
 <223> n = A,T,C or G

<400> 594  
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 tatgcttata atcctagcnc tttgggaggg tgaggcggga ggatcntttg agctcaggag 120  
 ttttagaccn gtttgggagg tcccagttat caggaggctg aggtgagagg gattacttgt 180  
 gccagaggagg tcaaggctgc agtgagctgt gattgtgcca ctgtactcca gccctggcaa 240  
 cagagagaga accctgtctc aaaagaaagg gggggggagg aacggaggaa ggaaggagg 300

<210> 595  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 595  
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 agaaccaaag gagggagaag ccccttataa aaccatcaga tcttggtgaga acttactatc 120  
 atgagaatag catgggggaa actgccctgt gattcaatta cttccacta ggtcactccc 180  
 accatacatg gagattatag gaactacaat ttaggatgag atttggtggtg gaacacagcc 240

aaaccatatac aagtattaac agcagaatta accaagctga ggaaagactc tcagagctca 300

<210> 596

<211> 300

<212> DNA

<213> Homo sapiens

<400> 596

gcataacgaa cctaaccctc agaggtttac caagattcaa aacacgaagc tgaccatgaa	60
gcgggacggc attgggtcag tgcggtacca ggtcttggag gtgtctcggc aaccactctt	120
caccaatatac acagtggaca ttgggcggcc tccgtcgtgg cccctcggg gctgacacta	180
atggacagag gctctcgggt cgaagattg cctgccagag gactgaccac agcctggctg	240
gcagctgctc tgtggaggac ctccaggact gagactgggc tctgttttcc aagggtcttc	300

<210> 597

<211> 300

<212> DNA

<213> Homo sapiens

<400> 597

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acatacactg gggaaaagat aatgtcttta ataaatgggtg ctgggaaaac tggatatcca	120
tatgcagaag aatgaaacta gacccccatc tcttagcata tacaaaaatc aaaattaatt	180
aaaaagttaa atctaagacc tcaaactatg aaacagctaa aagaaaacat cggggaatct	240
ctccaggaca ttggagtggg caaagatttc ttgtgtaata cctgacaaac aggcaaccaa	300

<210> 598

<211> 300

<212> DNA

<213> Homo sapiens

<400> 598

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gattgaaggc caaggacatg gcgcagtatt tgactgcaaa tgctctcctg atggtcagca	180
ttttgcatgc acagactctc atggacatct ttttaattttt ggctttgggt ccagtagcaa	240
atatgacaag atagcagatc agatgttctt tcatagtgat tatcggccac ttattcgtga	300

<210> 599

<211> 300

<212> DNA

<213> Homo sapiens

<400> 599

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tgaaatcacc ttttttcccc cttgatcaaa catcccatcc ttcagctacc atactgttgc	180
tacagggatt ttgtggactg tggccctgt cccgaggttg gcaccttcag ttcagcacag	240
cctgagcagt gagaaggtct gaaaggagag tatatagtta agatccttga gaaagggctg	300

<210> 600

<211> 300

<212> DNA

<213> Homo sapiens

<400> 600

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gcagccatgg	tgaagggtgt	cagctccgag	gccgcctggc	agtgtgtgag	tgaggcgctg	180
cagatcctcg	ggggcttggg	ctacacaagg	gactatccgt	acgagcgcat	actgcgtgac	240
acccgcatcc	tcctcatctt	cgagggaacc	aatgagattc	tccggatgta	catcgccctg	300

&lt;210&gt; 601

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 601

ggatattcat	taccctgaga	atgaaatgac	ctgcaattcg	aaaatcagct	gtatcagttg	60
gagtagttac	cataagaacc	tgtagctag	cagtgattat	gaaggcactg	ttattttatg	120
ggatggattc	acaggacaga	ggtaaagggt	ctatcaggag	catgagaaga	gggtgtggag	180
tgtagctttt	aatttgatgg	atcctaaact	cttggcttca	ggttctgatg	atgcaaaagt	240
gaagctgtgg	tctaccaatc	tagacaactc	agtggcaagc	attgaggcaa	aggctaattg	300

&lt;210&gt; 602

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 602

gccttttgtg	gggtctcata	cataactcag	tttccacaaa	gctgtgcccc	agctcagccc	60
tatggataga	agcatggtct	ggggttcctt	tgctgaccag	gggtgtgtgct	ttgtccaagt	120
tactgacctt	cccaaacctc	atcaatgcac	ataaaaagag	cacttgcaaa	caatgaatct	180
agacatggac	cttcacaaag	aaataactca	aaatggatcc	caggcctaaa	tgaaaaatga	240
aaaactataa	aactcctaga	agataacata	aaagaagatc	tagatgacct	agggtttggc	300

&lt;210&gt; 603

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 603

ttaatatggg	aacncngtt	tctaactgtc	atnccecccn	ccccaacacc	cccaanncag	60
cagttttntt	caccgctgc	agcgttccg	tnccaaacan	agggcncnc	ananncccn	120
cgntntatat	aaggaggaaa	acgggaaaga	atataaagtt	aaaaaaaaagc	ctccggnttc	180
cnctactgng	tanactcctg	ntttttcaag	cnctgcaga	ttttgatttt	tttgntgntg	240
ttgtntccn	ccnttgctgn	tgntgcaggg	gtactattgt	ttaaaaacag	gaaaaaaaaat	300

&lt;210&gt; 604

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 604

cttactttga	tcctcgtgag	gcatacccg	atggaagtag	caaagaaaag	agaagagcag	60
cagttgccca	ggccttagct	ggcgaagtca	gtgtgggtgcc	tccatctcgt	ctcatggcat	120
tgctgggaca	ggcactgaag	tggcagcagc	atcagggtat	gcttcctcct	ggtagacca	180

```

tagatttggt tgcaggcaag gcagctgtca aagatgtgga agaagaaaag tttcctacac      240
aactgagcag gcatattaag tttggtcaga aatcacatgt ggagtgtgct cgattttctc      300

```

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<210> 605
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

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<400> 605
gaacattcgg actcgagata atcgtcgcct tggggagtgg gacttgccctg aggctgtgca      60
gctgactggg ggagctaccg aacacgaggg tcccatatgc ccgaagaaaa tttctggccc      120
tttgtagata catgacgcca accactgcga gtgccatcag ctctctcttg ttgnnnnnnn      180
cccccggnat gntgacgntg nngannnctt anacnctttt nnnnctnnga aaggaggntt      240
gattgcngnt nccctgagat ntggcttccc aagagcactt attgaccctt cctcaggcct      300

```

```

<210> 606
<211> 298
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(298)
<223> n = A,T,C or G

```

```

<400> 606
cccccggant aaggntgnnn tatnntnncc anaaaaaann gggncnatna tgnngtcgng      60
aaggntnngg aacaacaagg actgcntnat tggaaagngn cncaggnttg aanccaaagn      120
taaangagtg aatnaggtgn tnntggggaa tgaccngctc atggagatnt gagttctgag      180
caagtcagac tccttccttt tggcctccaa agccacagat gttgcccggc ccacctgttt      240
aactctgtat ttatttccca ataaagaagg gcttccaaag gcatgctgga gacttgtg      298

```

```

<210> 607
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 607
atggtgtttt cacctggaag ctgagaagaa aggggcttta atggaacaaa tagcacatca      60
agctgttgta atgcagttta ttatggaaat ggccaaaaac tgtaatgtgg atccaagagg      120
gtgttttcgt ttatttttcc agaaagccaa agcagaggaa gaaggttatt ttgaagcatt      180
caaaaatgaa cttgaagctt tcaagtcaag agtaagactt tattctcaat cacaaagttt      240
tcaacctatg acagttcaga atcatgttcc ccattctggg gttggatcta taggtttatt      300

```

```

<210> 608
<211> 296
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature

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<222> (1) ... (296)  
 <223> n = A, T, C or G

<400> 608

atccagggtgt	ttctgatgca	cagtgaaatt	gggggtaccac	tggtattagg	ttgggtatgg	60
caactttttc	atcacttggt	ttatgtagtt	gtctgatcaa	ttgtgaaaac	ataatgaatg	120
ttggaaatgg	aacagtaaaa	taacgaaagc	caactttttt	tttttttttt	ttnnnnnnnn	180
nnnnnnnnnt	tnnccccng	ncngnanngc	aggggcccaa	nntnggntnn	ntgnanccnc	240
cncnccggg	ntnnnccct	ttntcnngcc	taaccnccc	nagnacnngg	aactac	296

<210> 609

<211> 300

<212> DNA

<213> Homo sapiens

<400> 609

cgacaatcag	tgattttgct	gtattttctca	caatagtaat	aatgggtaca	attgactacc	60
ttgtaggagt	tccatctcct	aaacttcatg	ttcctgaaaa	atttgagcct	actcatccag	120
agagaggggtg	gatcataagc	ccactgggag	ataatccttg	gtggaccta	ttaatagctg	180
ctattcctgc	tttgctttgt	accattctca	tctttatgga	tcaacaaatc	acagctgtaa	240
ttataaacag	aaaggaacac	aaattgaaga	aaggagctgg	ctatcacctt	gatttgctca	300

<210> 610

<211> 300

<212> DNA

<213> Homo sapiens

<400> 610

agaataacta	ccagacaaca	tttgttaaaa	ctcaggacag	tatgtatttt	aaataagcaa	60
gtgcatgtgt	gaaaatggct	cattcagttt	ataaaatatt	acattaaatt	tgaggtttct	120
gttttttttc	ttttgtgaca	gtcttgcctc	gttccccatg	ctgtattgca	gtggctccag	180
ttcacctcac	tgtaacttcc	acatcctggg	ttcaagcaat	ttgtgcctca	gcctcccaag	240
tagctgggat	tacagtcag	ccaccatgtc	cagataattt	ttatattttt	ttgtatagat	300

<210> 611

<211> 300

<212> DNA

<213> Homo sapiens

<400> 611

agatgggtta	aaacttaaat	gtcacatctg	aaacagtaaa	aatcctagaa	gaaatcctag	60
gaaaaactct	tctggacatt	ggcctaggca	aagaatttat	gatgaagacc	tcaaaagcaa	120
acataacaaa	accaaaaata	gacaaatgag	atttaattag	aaaaacttct	gcacagtaaa	180
agtaataatc	aacagttaat	agacaaccta	tagaatggga	gaaaatatat	gtaaattata	240
catctgacaa	agaactaata	tccagaatct	acaaagaact	caacaagaaa	aaaaccaacc	300

<210> 612

<211> 300

<212> DNA

<213> Homo sapiens

<400> 612

tcctggctgt	taggatttgt	togtgttttg	gagaccttta	gagcgtgggt	aaacccatat	60
gttgggattt	atgctgcttt	tatggtagca	ataccctata	ttaagatttg	aagtagacct	120
ggaaagttag	tgccgggtta	gctcagttgg	ttagagcgtg	gtgctaataa	cgccaaggtc	180
gcgggttcga	accccgtagc	ggccagtggt	tggctttttt	ttgtgtgtgt	ttgtttttct	240

gaccctctgc tgttatccgg aagtttctac ccggagccag ttgccttctg gtaacagaat 300

<210> 613

<211> 300

<212> DNA

<213> Homo sapiens

<400> 613

aaaacataat ttctgtttca tggagatgaa tacaaggctg caagtggaac atcctgtttac 60  
tgagatgatac acaggaactg acttggtgga gtggcagctt agaattgcag caggagagaa 120  
gattcctttg agccaggaag aaataactct gcagggccat gccttcgaag ctagaatata 180  
tgcagaagat cctagcaata acttcattgc tgtggcaggc ccattagtgc acctctctac 240  
tcctcgagca gacccttcca ccaggattga aactggagta cggcaaggag acgaagtctc 300

<210> 614

<211> 300

<212> DNA

<213> Homo sapiens

<400> 614

agacagtcaa gctgcattgc aacactgcat gtctgactaa cagcatacat tgtcctgaag 60  
aagcatctgt aggggaatcca gaaggagcgt tcatgaagat gttacaagcc cggaagcagc 120  
acatgagcac tcagctgact attgagtcgg aggcgccttc agacagcagt ggcattcaact 180  
tgtcaggctt tgggggtgat cagcttgaaa ttcagctaac cgagcagcta cggtcctcca 240  
tccccaacga ggatgtgaga aagttcatgt ctcatgttat ccggaccttg aaaatggaat 300

<210> 615

<211> 300

<212> DNA

<213> Homo sapiens

<400> 615

tgggacatgc tcatgatggc tgtcatgcac actgcgaaaa gttgttggtt tactggagca 60  
gggcaaggaa cacctggccc cgcccgagc aaaaaactgc tcaaaccaca aacgatagca 120  
ggaaaggcct gtgccttggc agcatgtttt tgctgcagat aatcagccag agcctgtttc 180  
tctgtcctc gctgagattg ctttgtttcc cataaagatt gcttttagct aatctacaat 240  
ctatagaagc aatgcttacc actggctttc tgtcaataaa tgtgtgggtc aagctctggt 300

<210> 616

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (300)

<223> n = A,T,C or G

<400> 616

gctacctggg cggcgacggg ctggacgtgg acgtgccac gcgtctggag ggctgggtct 60  
tctgcagccc cgcccgcaag ctgctctggc tgggtgtgca gcccttcttc tactcactac 120  
ggccgctctg cgtccacccc aaggccgtga ccgcgatgga ggtgctcaac acgctgggtg 180  
agctggcggc cgacctggcc atctttgccc tttgggggct caagcccgtg gtctacctgc 240  
tggccagctc cttcctgggc ctgggcctgc accccaatng gggccacttc gtggccgagc 300

<210> 617

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 617  
 ngnnattgag cccnttgaat cnagctactt gttctttttg caggatccca tcgagtccat 60  
 ctcatatgag tgagaaagct taccagtgcg gcgaatgtgg gaaagccttc cgagggcact 120  
 cggacgtttt ctaggcatca gagtcaccac agcagtgaga ggccttatat gtgtaatgaa 180  
 tgtggaaaag ccttcagcca gaactcgagc cttaaaaagc accaaaagtc tcacatgagt 240  
 gagaagccct atgaatgcaa tgaatgtggg aaggctttta ggcggagctc aaacctcatc 300

<210> 618  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 618  
 ccccaacctg cactctaccc acccccatca cctactccag ctcccaactt ttgtggactg 60  
 agcgccgcga gagactgggt cgccttggat tccctctgcc tccgaggacc ccaaaagaca 120  
 cccccaaccc caggccagcc ggccctgctc tggcgcgtcc aaaatactac ctagcacagg 180  
 cctctgctcg aggcaccccc aaactaccta tgtatccagc ccagagggc ctccattccc 240  
 aggaagtccc tatgtatccc aacctgggca gacaccagc accacctccc cagaccgcga 300

<210> 619  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 619  
 aattccgttg ctgtcgaatt gttcctgtcc tgccccaact gatcaatcga ccttgtgaca 60  
 ttcttcttct ggacaatgaa tcttatgatc tcccaccat ggaccctgtg accccctcct 120  
 ctgctgacaa tagataacca cctctaactg taacattcca ctgcctacct cagtcctata 180  
 aagctgcccc tctcctatct accttcgctg actctctttt cgtactcagc ccacttgcac 240  
 ccaagtgaat aaacagccct gttgctcaca aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 300

<210> 620  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 620  
 agaatacaag ctacttggtc tttttgcagg atcccatcga ttcgaattcc gttgctgtcg 60  
 aattgttctt gtcttgcctt aactgatcaa tcgaccttgt gacattcttc ttctggacaa 120  
 tgaatcttat gatctcccca ccatggaccc tgtgaccccc tctctgtctg acaatagata 180  
 accacctcta actgtaacat tccactgcct acctcagtcg tataaagctg cccctctcct 240  
 atctaccttc gctgactctc ttttcgtact cagcccactt gcaccaaggg aataaacagg 300

<210> 621  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 621

actatagaat	acaagctact	tggtcttttt	gcaggatccc	atcgattcga	attccgttgc	60
tgctgaattg	ttcctgtcct	gccccaaactg	atcaatcgac	cttgtgacat	tcttcttctg	120
gacaatgaat	cttatgatct	ccccaccatg	gaccctgtga	ccccctcctc	tgctgacaat	180
agataaccac	ctctaactgt	aacattccac	tgccctacctc	agtcctataa	agctgcccct	240
ctcctatcta	ccttcgctga	ctctcttttc	gtactcagcc	cacttgcacc	caagtgaata	300

&lt;210&gt; 622

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 622

gtgggagggg	gtaggggggag	gaagtctgtg	gtgagcaaag	tttgcccttat	tacactgata	60
aagtgttaatt	acactaataa	agctggatca	cctgagggtta	ggagttttgag	agcagcctgg	120
ccaacatggc	aaaaccctgt	ctctactata	aatacaaaaa	ttagccaggt	gtggtggcag	180
ggcacttgtg	atcctatcta	ctcgggaggg	tgaggcagga	gaatcgcttg	aaccagggt	240
gtaaagggtg	cagttagcca	agatcatgcc	actgcactcc	agtctgggtg	tcagaatgag	300

&lt;210&gt; 623

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 623

caatctcaaa	gctggctcgag	aaaccacagt	ataaatcagt	tactggacaa	acttgaaatc	60
atgggtggaag	aaacagacag	tgtagctca	tgatttgatt	tggttctacc	tttggccttg	120
agttcttatt	atttacatta	taaatattaa	ctggttttat	attgttaaga	caaaacactg	180
gtaaaagttt	caacacctcc	cttttgcttg	tataccataa	atgggcagtt	tctgaaattt	240
tggataaagc	atcaagaact	cctttttctg	aaacgttccct	ccttttttag	tgccataatta	300

&lt;210&gt; 624

&lt;211&gt; 261

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (261)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 624

gtgaaagagt	tcatgacctc	cttgcccgcg	gcctgggtgct	ctgcgatcaa	gggctgcaga	60
acctgtatga	gtgccttctt	gagctcaccg	gtgagcatgg	ctccgctggg	gtaatccttc	120
ctgatctgct	cgagcttgtn	nnnnacctgg	aggnttangg	tatnnnnct	nnntnanang	180
cncgnatnat	nctgnancta	cncngtctgn	nacgggtatn	angncnantn	ctatnatgna	240
annnnnnntn	ngngnctntn	c				261

&lt;210&gt; 625

&lt;211&gt; 298

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (298)

<223> n = A,T,C or G

<400> 625

ttttttttgag	acggagtcctt	gttctgttgc	caggctggag	tgcggtggtg	caatctcagc	60
tcactgcaat	ctccacctcc	tgggttcaag	aggttctcct	gcctcagcct	cctgagtagc	120
cggggagcta	caagcatgca	ccaccacacc	cagctaattt	tttttttttt	nnnnnnnnnn	180
nnnnnntgtc	ncccaggett	gagtgcaggg	gcncnatctn	ggntnantgn	aanntntgtc	240
tcenggggtn	atgcctttct	cctgnttnan	cntcccnant	antcccagga	ntagctgg	298

<210> 626

<211> 300

<212> DNA

<213> Homo sapiens

<400> 626

ggtaaggatt	tggggcacag	taccaggagg	ggggcttggg	gccagacctc	atgaggaaga	60
aggattttcc	tatgtacaga	gaaggggacc	ctgtcctggt	gggaggtgct	gtgcaaacct	120
aaccaagtta	ctaacccttc	tgttttctgt	gctacacaaa	ggggataaat	acaagcttcc	180
ctctctagcc	aattctattt	ggttcctgag	tttggaaggt	gatagatact	gattttctat	240
gattttatga	ggacttaaat	aagctcctat	ggaaagtgtt	ttgtgcagtg	ccgtgccccat	300

<210> 627

<211> 300

<212> DNA

<213> Homo sapiens

<400> 627

gcgacatctg	tcacccatt	gatcgccagg	gttgattcgg	ctgatctggc	tggctaggcg	60
ggtgtccctt	tcctccctca	ccgctccatg	tgcgtccctc	ccgaagctgc	gcgctcggtc	120
gaagaggacg	accatccccg	atagaggagg	accggtcttc	ggccaagggt	atacgagcgc	180
cgtaattgac	acatctctta	tttgagaagt	gtctgttgcc	ctcattaggt	ttaattacaa	240
aatttgatca	cgatcatatt	gtagtctctc	aaagtgtctt	agaaattgtc	agtggtttac	300

<210> 628

<211> 300

<212> DNA

<213> Homo sapiens

<400> 628

ggatgaccca	tgccaaaaat	actatgagct	cttactagtc	aaccctatth	ggttggtccc	60
accaacaaag	gcacttgcag	ttacattcac	cacatttgta	acggagccat	tgaagcatat	120
tggaaaagga	actggggaat	ttattaaagc	actcatgaag	gaaattccag	cgctgcttca	180
tcttccagtg	ctgataatta	tggcattagc	catcctgagt	ttctgctatg	gtgctggaaa	240
atcagttcat	gtgctgagac	atataggcgg	tcctgagagc	gaacctcccc	aggcacttcg	300

<210> 629

<211> 295

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(295)

<223> n = A,T,C or G

<400> 629

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ggtggtntna gtggnanaag gatcgagtg gagacnngtg cnaatagggn gatcctggta      60
aggtgctnat gtcagtctgc aatgtccanc agcagnaggn ntttgatgtn angngcngga      120
gnngagtggg ccaggggtgc tgtgtnatna nttgattcag nggcttatgg catcactgcc      180
ttctgttncc gggggagcat ggatctagat gtcctcgctt ctgaaaacca agtgtcagag      240
ccccctcccc ttgtttttat tttactgtta taataattat taacttcctt gtaat          295

```

&lt;210&gt; 630

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 630

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tgggtctgctc accagaggtt cttcaaatac ttatgcatag catccaaagt taaaagggtt      60
gtgcaactag ctcgagagga aatcaagaat ggaaaatgtg ttgtaattgg tctgcagtct      120
acaggagaag ctagaacatt agaagctttg gaagagggcg ggggagaatt gaatgatttt      180
gtttcaactg ccaaagggtg gttgcagtca ctcatgaaa aacattttcc tgctccagac      240
aggaaaaaac tttatagttt actaggaatc gatttgacag ctccaagtaa caacagttcg      300

```

&lt;210&gt; 631

&lt;211&gt; 290

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (290)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 631

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gcctagggcc cccatgcacc ccactcgatc accgagggta ccagtccttg tcagacagcc      60
ccccgggggc ccgagtcttc actgagtcag agaagaggcc actcagcatc caagacagct      120
tcgtggaggc atnnnnnnnn nnnnnnnngc cnctggttca tgatntggnt nntanatgca      180
anaggctgtg gctnctnaag tcctaaggat tnctcantga tcanngatcc agggccggtc      240
atgaaccact gggctggatt tgactgttga ntgtggnagn aaatgcccg      290

```

&lt;210&gt; 632

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 632

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gtggggtcag ttctgggtctg ctcaccagag gttcttcaaa tacttatgca tagcatccaa      60
agttaaaagg gttgtgcaac tagctcgaga ggaaatcaag aatggaaaat gtgttgtaat      120
tgggtctcag tctacaggag aagctagaac attagaagct ttggaaagagg gcggggggaga      180
attgaatgat tttgtttcaa ctgccaaaagg tgtttgagct cactcattga aaaacatttt      240
cctgctccag acaggaaaaa acttttatagt ttactaggaa tcgatttgac agctccaagt      300

```

&lt;210&gt; 633

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 633

```

cacagtcctt ctggaagcca gacccgaagc cacagtagca gtgccagctc agcagagagt      60
caggacagca ggaagaagaa gaagaagaag gaaaagaaaa aacacacaga aacatataaa      120
gcataagaag cataagaaac atgcaggcac tgaagtggaa ttggaaagac gccatctaca      180

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cgaccacagg aaccagaaga ggacctacac tcagattaga gcgtgaggaa gtgagttctt 240  
ggagacgtgc tgatgacagg aaagatgacc ggggtggaaga gcgggaccct cctcgtcgag 300

<210> 634  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 634  
ccacactcg gacactgtgg aattctacca gcgcctgtcg accgagacac tcttcttcat 60  
cttctactat ctggagggca ctaaggcaca gtatctggca gccaggccc taaagaagca 120  
gtcatggcga ttccacacca agtacatgat gtggttccag aggcacgagg agcccaagac 180  
catcactgac gagtttgagc agggcaccta catctacttt gactacgaga agtggggcca 240  
gcggaagaag gaaggcttca cttttgagta ccgctacctg gaggaccggg acctccagt 300

<210> 635  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 635  
ccaggctagt cttgaactcc tggcctcaag caatcctccc acctcggcct cccaaagtgc 60  
tgggattaaa ggcgtgagcc accgtacctg gcccttggtg gaatcttttag ggttttctat 120  
tcatacatat aaaatcatat cattggcaaa cagagataat tttacttcct cttttccaat 180  
ttggatgcct tagatttctt ttccttgctt aactgctctg tctagaactc ccagcactat 240  
gctgaataga gtggcaagag caggcatttg ccttggtcct aaccttacag aaaaatcctt 300

<210> 636  
<211> 300  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(300)  
<223> n = A,T,C or G

<400> 636  
gctgcccaac acgctgtttg gggatgtggc catgggtggtg gaattcttga gctgtttatc 60  
tgggctactt ttaccagatg ctacagtatc tattactgct gtgtccctta tggaagcctt 120  
gagtgcagat aagggtggct ttttatacct taacagggtg ttggtcatcc tcttacagac 180  
cctcctacaa gatgagatag cagaagacta tgggtgaatag ggaatgaagc tgtcagaaat 240  
ccccttgact ctgcattctg tttcagagct ggtgcggctc tgcttgcnca gatctgatgt 300

<210> 637  
<211> 300  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(300)  
<223> n = A,T,C or G

<400> 637  
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atcaactttc	aaaccattca	tgcaacctga	ttcttcctgg	atgctgaaca	agaacctggg	120
taccaacagg	gcagggtgta	aaaggctgcc	accctgactc	tccttgagtg	ggtnnnnnnn	180
nnnctgtccn	ggatggcaac	tgctaaaaga	gcntgaattg	taacacatcc	ctaaatgcgc	240
tgttgggctg	gagcccaaaa	gtgctcatcg	aagccctggc	acccgcttgc	ctgcgtgctc	300

<210> 638  
<211> 300  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1) ... (300)  
<223> n = A,T,C or G

<400> 638						
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ccagccccac	ttctgaaagt	atcagctact	gatccagcca	ctggatatatt	tatatcctcc	120
cttttcctta	agcacagtgt	cagaccaaata	tgcttggttc	tnnnnnnnngn	actacannna	180
tatgnatnct	ggtnctgctg	gcaagtccac	tgngcccatg	ctgaaagagg	cctgccgggc	240
ttangggctg	aagagtggtc	tgaanaanca	ngaactgctg	gaanccctca	ccaagcactt	300

<210> 639  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 639						
agttttcctg	tgattagtgt	ttttgggtgt	gttttatattt	ttttcttaca	ggaactcttg	60
caagaagaaa	ggactatgag	ttcaacttta	gagggagcca	tggggactaa	acaaaattct	120
gaggccccc	caaccatcta	aatggacttc	cttctggggc	aggacactcg	aaaattaaac	180
ctgaaagact	ggttcaggcc	atgatgggaa	gtgggagtcg	aacatgcctc	atcataccct	240
ccagcattaa	catcaacaca	gaccttaagg	ctgataagaa	gcattttaca	tctattctct	300

<210> 640  
<211> 299  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1) ... (299)  
<223> n = A,T,C or G

<400> 640						
gttagctcga	ggggcaaata	aagagcacag	gaatgtttct	gattacacac	ctctaagtct	60
ggctgcttct	ggtggctatg	tgaacatcat	caaaatatta	ctaaatgcag	gagctgagat	120
taactctaga	actggtagca	aattgggcat	ctctcctctg	atgttagcag	ctatgaatgg	180
gcatacagct	gctgttaagc	tcctgttaga	catgggctct	gacataaatg	ctcagataga	240
aaccaatcgg	acactgnnnn	nnnnnnnnnn	ngcttccaag	gaagaactga	agtgggttag	299

<210> 641  
<211> 300  
<212> DNA  
<213> Homo sapiens



&lt;400&gt; 641

cagagacctg	acagtggcaa	tgtatggcca	cgttactgaa	tctacatggt	gcaagagaaa	60
aactagcaga	tgttcttggc	agccctgtca	ttcagctata	ttgctaaagc	actaggtgga	120
atcattatga	aaatttccat	cactcaaata	gaaaggagat	ttgacatatc	ctcttctctt	180
gctggtttaa	ttgatggaag	ctttgaaatt	ggaaatttgc	ttgtgattgt	atttghtaagt	240
tactttggat	ctaaactaca	cagaccgaag	ttaattggaa	ttggttgtct	ccttatggga	300

&lt;210&gt; 642

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 642

gagagcttgg	gatgtggtaa	tgccagccac	actcctggga	gccgtggcca	gatctcggca	60
tatattatca	aaagcacatc	agtgccgaag	aatcggtcat	ctaattgttaa	aaccacttaa	120
ggaatttgaa	aatacaacat	gcagcacact	gacaatacgt	caaagcttgg	atttgttcct	180
tcctgataaa	acagctagtg	gtttgaataa	gtctcagatc	ctggaaatga	accaaaaaaa	240
gtcagatacc	agcatgctgt	ctccattaaa	tgctgctcgt	tgccaagatg	aaaaggcaca	300

&lt;210&gt; 643

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 643

gcctgccaga	atggaagcat	acagatctgg	gaccgaaatt	tgactgttca	tcctaagttc	60
cactataaac	aggctcatga	ctcgggcaca	gacacttctt	gcgtgacttt	ttcctatgat	120
ggtaatgtcc	ttgcctctcg	tggagggtgac	gattcattaa	aattatggga	catccgacaa	180
tttaataaac	cacttttttc	agcctcgggt	cttcccacca	tgttcccaat	gactgactgc	240
tgtttcagtc	cagatgataa	gctcatagtc	actggtagat	ctattcaaag	aggatgtggc	300

&lt;210&gt; 644

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 644

ccggagagaa	gcagcaggag	ggcggcgggc	ccgtgcgctg	cgacacacct	gccaactgca	60
cctatcttga	cctgctgggc	acctgggtct	tccaggtggg	ctccagcggg	tcccagcggc	120
atgttnnnnn	nnnnnnntg	gcaattaaca	acatcttaaa	actgactcag	ctcaccagct	180
cttccatgta	ttcacttcct	aatgcaccct	ctctggcaga	cctggaggac	gatacacatg	240
aagcctgtga	tgatcagcca	gagaagcctc	actttgactc	tcgcagtgtg	atTTTTgagc	300

&lt;210&gt; 645

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 645

actgttcac	ctaagttcca	ctataaacag	gctcatgact	cgggcacaga	cacttcttgc	60
gtgacttttt	cctatgatgg	taatgtcctt	gcctctcgtg	gaggtgacga	ttcattaaaa	120

ttatgggaca	tccgacaatt	taataaacca	cttttttcag	cctcgggtct	tcccaccatg	180
ttcccaatga	ctgactgctg	tttcagtcga	gatgataagc	tcatagtcac	tggtacatct	240
attcaaagag	gatgtggcag	cggcaaaact	gttttctttg	agcgtaggac	tttccaaagg	300

<210> 646  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 646						
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aaagctggga	gaagctgcag	tcagagctgc	taaagctgta	aattatgttg	gagcagggac	120
tgtggagttt	attatggact	caaaacataa	tttctgtttc	atggagatga	atacaaggct	180
gcaagtggaa	catcctgtta	ctgagatgat	cacaggaact	gacttggtgg	agtggcagct	240
tagaattgca	gcaggagaga	agattccttt	gagccaggaa	gaaataactc	tcagggcca	300

<210> 647  
 <211> 278  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(278)  
 <223> n = A,T,C or G

<400> 647						
ggtgactgcc	atcctggagc	cctacccctg	catccacttc	cctctggcca	catatgcccc	60
tattatctct	gctgaaaaag	cctaccatga	acagctttct	gtagcagaga	taaccattgc	120
tatgcttttn	nnnnnnnnac	ctgatgntaa	nanntgaacc	tcnntgcggg	tnttncannn	180
tttnnntntc	nantcnnnna	cgtcttgntt	nntncttntt	nntttctcgc	annantttnn	240
natntcntnn	cctttgnttt	tnctcttctt	tnnntaat			278

<210> 648  
 <211> 150  
 <212> DNA  
 <213> Homo sapiens

<400> 648						
ccccggctcg	gtagecgttg	tatactacgg	tcaatgctct	gaaatctgtg	gagcaaacca	60
cagtttcatg	cccacgtcc	tagaattaat	tcccctaaaa	atctttgaaa	taagggcccg	120
tatttaccct	atagaccccc	ctctagaggg				150

<210> 649  
 <211> 277  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(277)  
 <223> n = A,T,C or G

<400> 649						
gaagaangcc	tatncnnnct	attagctana	natagtcnnt	nnnaatanga	naganangtn	60
acnnanaang	cnananngnn	nnagagatag	ctcnacntaa	agacnggana	angatcttcg	120

ccttaatact	tttttatttt	gttttatttt	gaatgatgag	ccttcgtgcc	cccccttccc	180
ccttttttgt	cccccaactt	gagatgtatg	aaggcttttg	gtctccctgg	gagtgggcgg	240
aggcagccag	gggttacctg	ccacaaacgg	ggaccag			277

<210> 650  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 650						
gaggtagtga	cacaggctgt	gggagggggg	agggggagga	agtctgtggt	gagcaaagtt	60
tgccttatta	cactgataaa	gtgtaattac	actaataaag	ctggatcacc	tgaggttagg	120
agtttgagaa	cagcctggcc	aacatggcaa	aaccctgtct	ctactataaa	tacaaaaatt	180
agccaggtgt	agtggcaggg	cacttgtgat	cctatctgct	cgggaggctg	aggcaggaga	240
atcgcttgaa	cccaggctgt	aaaggttgcg	gtgagccaag	atcatgccac	tgcactccag	300

<210> 651  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 651						
ggcacagtac	caggaggggg	gcttggtgcc	agacctcatg	aggaagaagg	attttcctat	60
gtacagagaa	ggggaccctg	tctgttggtg	aggtgctgtg	caaacctaac	caagttacta	120
accctctgt	tttctgtgct	acacaaaggg	gataaatata	agcttccttc	actagccaat	180
tctatttggt	tcttgagttt	ggaaagtgat	agatactgat	tttctatgat	tttatgagga	240
cttaataaag	ctcctatgga	aagtgttttg	tgcagtgccg	tgcccataaa	gaagagctca	300

<210> 652  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 652						
acgtgaacga	gaaaaggaga	aagaacggga	gcgggaacga	gaacgggata	gggaccgtga	60
ccggacaaaa	gagagagacc	gagatcggga	tcgagagaga	gatcgtgacc	gggatagaga	120
aaggagctca	gatcgtataa	aggatcgcag	tcgatcaaga	gaaaaaagca	gagatcgtga	180
aagggaacga	gagcgggaaa	gagagagaga	gagagaacga	gagcgagaac	gagaacggga	240
gcgagagaga	gagcgagaga	gggaacggga	gcgagaaaaga	gaaaaagaca	aaaaacggga	300

<210> 653  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 653						
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gacaaaagag	agagaccgag	atcgggatcg	agagagagat	cgtgaccggg	atagagaaag	120
gagctcagat	cgtaataagg	atcgcagtcg	atcaagagaa	aaaagcagag	atcgtgaaag	180
ggaacgagag	cgggaaagag	agagagagag	agaacgagag	cgagaacgag	aacgggagcg	240
agagagagag	cgagagaggg	aacgggagcg	agaaagagaa	aaagacaaaa	aacgggaccg	300

<210> 654  
 <211> 294  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(294)  
 <223> n = A,T,C or G

<400> 654

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gcaatcaagg cctctgcagc tcacggctgg cccggtgggc tgggacttcc gtctgaattt      120
taaatactta gggttcattt tttttctctt ggcaacaaag cttgatgttt tcaactgttt      180
agtttctctg ttgctgggtg gagggggatac ggtctgtgac tctggacttg ctctggggga      240
acagttgtca ctgcccccg ggagaggggc agctnnggct ggagaagcac agcc          294
```

<210> 655  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 655

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acagcctggg cgtgcggcga gctgagatca agcccggggt gcgcgagatc cacctgtgca      60
aggacgagcg cggcaagacc gggctgaggg tcggaaggt cgaccagggg ctctttgtgc      120
agttgggtcca ggccaacacc cctgcatccc ttgtggggct gcgctttggg gaccagctcc      180
tgcagattga cgggcgtgac tgtgctgggt ggagctcgca caaagcccat caggtggtga      240
agaaggcatc aggcgataag attgtcgtgg tggttcggga caggccgttc cagcggactg      300
```

<210> 656  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 656

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tcaagtttgt ttgaagacac gtgtgccttt gtaccatta taagatggtc ataagacca      60
agaactgata agctttgggt ttttttgggt ttgttttgggt tttgtcttca ttaccatt      120
catgcctagg gttccattat tggaacccta agcttgtggg agttatttct atcctactgc      180
tcaaggtcat caccaagatc tgatttttca taaaaaacat ttgtgacctt cggcataaat      240
gggttaaggt gccatccctg aaactgcaat gcagatatgt tcagataact tttatttttt      300
```

<210> 657  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 657

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aaatgttttt gaatcaagtt tgtttgaaga cacgtgtgcc tttgtaccca ttataagatg      60
gtcataagac ccaagaactg ataagctttg gttttttttt gttttgtttt gttttttgct      120
tcattttacc attcatgcct agggttccat tattggaacc ctaagcttgt gggagttatt      180
tctatcctac tgcctcaagg catcaccaag atctgatttt tcataaaaaa catttgtgac      240
cttcggcata aatgggttaa ggtgccatcc ctgaaactgc aagcagatat gttcagaaac      300
```

<210> 658  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 658

```
ctatgatcag gactgactag gtagttggca tggcccatag agaacaagga aagatgggct      60
ggtggattgg ccacactggg agccacatgg ggcaagggga gccctcacc tcagccagcc      120
```

agacgagtgg	gatttcccc	agcacagcat	accccttca	caaagggaca	actaaagtgc	180
ttcattaagc	aagtcctgga	tcctgtgcc	cccaactggg	tgagacaccc	caatgggtca	240
ccagacacct	tatacaagag	catttctact	ggcatcaggt	gggtgccct	caaggacaga	300

&lt;210&gt; 659

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 659

gttttggtg	ggcatgatg	ttagcgctg	cagttccagc	tacctgggag	ggtaagccca	60
gttcaaggct	gcaattaact	atgatggtgc	ccctgcattt	cagcctgggt	gacaaaatta	120
aatcctggcc	caaaaaaaaa	aagtagccag	gcatggtggc	gggagcctgt	tgtcccagct	180
gttccttagg	ctgaggcacg	acattcactt	gaacctggga	ggtggaggtt	gctgtgagct	240
gacaccacgc	cactgcactc	cagcctgggt	gacagtgaga	ctctgtctca	ataaataaaa	300

&lt;210&gt; 660

&lt;211&gt; 280

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (280)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 660

attcgaacat	atgcagttat	tcactaaat	gatgaatgtg	ggattattga	atgggtgaac	60
aacactgctg	gtttgagacc	tattctgacc	aaactatata	aagaaaaggg	agtggatatg	120
acannaaaag	aacttttcca	gtgctnctac	ctcngctnct	ngntttatct	gaanagntgg	180
nagtntcn	ngatangncc	tgntttgcat	cntnntanng	nnntnnannn	gccctttcn	240
tnntgnttgn	cggnnnnngcn	ttgncnnnag	tcancgcgtg			280

&lt;210&gt; 661

&lt;211&gt; 294

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (294)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 661

aataggannn	ctaanaggct	angtgagnaa	tatcaancnc	cgcctgtttt	ttnggtggtt	60
aangnngtat	anngggcntn	natgggnagg	aatncanatg	gtagttggga	naggggagga	120
tacaggtgga	tgggactgga	ggttgtataa	ggtgttcttg	gaaggaaggg	gcaggagtgtg	180
gaattagttg	gtccctactg	tccccatga	ggttgtgaac	ccctccccca	acttttcatg	240
tttcttaaag	gcattttggt	tttttaaaat	ctgtacagca	agagcaactt	tttc	294

&lt;210&gt; 662

&lt;211&gt; 279

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

<221> misc\_feature  
 <222> (1) ... (279)  
 <223> n = A,T,C or G

<400> 662

gaaaanggna	ngactgnttt	atggggggcnc	caannnnncng	nnncanttnc	annnnnggecc	60
cnanaatggc	caatgctcgt	ttaggggaacc	gccattctgc	ctggggacgt	cggagcaagc	120
ttgatttagg	tgacactata	gaatacaagc	tacttggtct	ttttgcagga	tcccatcgat	180
tcgcaggaat	cgatctcgtg	aagccccgaa	ggaccgaaca	ccccacccc	gatttagacc	240
tgcaggtgct	gccccacgtc	ccccaccaa	gccccatgta			279

<210> 663  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 663

gctaagtatt	ctaggatcta	cagttatggt	cattcatgct	ccaaaggaag	aggagattga	60
gacttttaat	gaaatgtctc	acaagctagg	tgatccaggt	tttgtggtct	ttgcaaccct	120
tgtggtcatt	gtggccttga	tattaatctt	cgtgggtggg	cctcgccatg	gacagacaaa	180
cattcttggt	tacataacaa	tctgctctgt	aatcggcgcg	ttttcagtct	cctgtgtgaa	240
gggcctgggc	attgctatca	aggagctggt	tgcagggaa	cctgtgctgc	ggcatccct	300

<210> 664  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 664

tcgttttaggg	aaccgccatt	ctgcctgggg	acgtcggagc	aagcttgatt	taggtgacac	60
tatagaatac	aagctacttg	ttctttttgc	aggatcccat	cgattcgaat	tcggcacgag	120
catggtaatc	ctgctcagta	cgagaggaac	cgcaggttca	gacatttggt	gtatgtgctt	180
ggctgaggag	ccaatggggc	gaagctacca	tctgtgggag	gaaggaggca	ggctgtggtg	240
ggactgggta	gggtatagta	tcactcctga	gttccactgc	tctagaatct	aaccagaaat	300

<210> 665  
 <211> 298  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (298)  
 <223> n = A,T,C or G

<400> 665

cccaggagc	ggagcagagg	cacccaggca	gcctgcgcgg	agaaattgga	tcggcggggga	60
cggcctgcag	ctcccgcgcg	cggggaaaag	gaagaagtcc	tcccctacaa	agcaaattca	120
caaacttgga	agaagcaatt	tacacaggat	gtgcagatct	caatggaagg	acacgggaaa	180
cgtgaaaaag	caaggaagtg	ggacgcctcc	aaaggnnnnn	nntaattctc	cagcancaga	240
tcccatcca	aaaganattc	aagaantgtc	atatagagaa	ttgtggaaac	tgatttta	298

<210> 666  
 <211> 272  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(272)  
 <223> n = A,T,C or G

<400> 666  
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 tccctgggat gccaccagg cccagggatc cacctagggt gggttggtta tcctgggtgat 120  
 ggnnnnnnnn nnnnnntnaac ctntctttnt ntacnnnnt acnnctcatn tatntcctc 180  
 tannngntaan tntgnnnnnn tnnncttntn ccaantagnn nntttngnnn ncnntcnnt 240  
 naatntanat tntntnnnt ntttnntna tt 272

<210> 667  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 667  
 ggaacgcagc tgctcaccag caacggaaca aagctggacg gagaatgact ttgaagagct 60  
 gagagaaggc ttcagacgat caaattactc tgagctacgg gaggacattc aaaccaaagg 120  
 caaagaagtt gaaaactttg aaaaaataa atgtacatta attaacgtgg aatctggtga 180  
 acagtaacaa actttggtga aatttcagga accatagcca ttgaagtgga tgagggaacc 240  
 tatatacatg cactcaacaa tggctctttt accctgggag ctccacacaa agaagaatcg 300

<210> 668  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 668  
 attaaaccgg tttctgtggg cacctctgtc cttgctgctg gtggggaagg gaagccagat 60  
 ccagcacccc ctggggggcc atcgggagtg tggctggggg tgaagggggc tctgtggcaa 120  
 tatgggggtt ggtagtgttg gtggcaggcc atccctta atcttggaac ctctgaatat 180  
 gggacctccc acagcaaagg gtgacttttg tcattaagaa agactggggt ggggtgtggtg 240  
 gctcacgcct gtaaccccag cactttggga ggccaaggtg ggcagatcac gaggtcaaga 300

<210> 669  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 669  
 agaggacct gcagttaggg ggtgttactt tgtcgcccag gatggcctgg acccccaggt 60  
 tcagggatcc tcccgcgcgt gcttcctgag tagctgggac ctcaggcttc cgcctcgtgc 120  
 ccgcatccct gctgtgttta ggcagcagggt ggtgacctca ctccctccctg gcctgagctc 180  
 tccgtcccgc atcccaggcg gaggcctag ggaacacttt gaagctgagc acggggtgga 240  
 ccctccctcc tgagtgaatg gagaatagaa agggagagga tttctgttct gttctgtggg 300

<210> 670  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 670  
 acccgaggct cgggtgtacta ggtgcgaatg ccgccttctg tgggtgaccac tgtcttctca 60  
 tcctttgcac ctataggagg tgagtgcctt tggggaagac ggcgagggcg acgacctgga 120

```

cctatggaca gtgcgctgct ctggacagca ctgggagcgt gaggtgctg tgcgcttcca      180
gcatgtgggc acctctgtgt tctgtcagt cacgggtgag cagtatggaa gccccatccg      240
tgggcagcat gaggtccacg gcatgcccag tgccaacacg cacaatacgt ggaaggccat      300

```

```

<210> 671
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 671
ataatttggg gcattttccnn acantgtctt nncaaganta aaatgtgngc gccaaaattt      60
ngnattntan tnggagantt nttatccaaa ntaangctgc cntaggaagt ctaaggaatt      120
agtagngttc ccactncttg tttggagtg gctattctna aagaataagc aatgctcggt      180
tagggaaccg ccattctgcc tggggacgtc ggagaaagct tgatttaggt gacactatag      240
aatacaagct acttgttctt tttgcaggat cccatcgatt cgaattcggc acgagcagga      300

```

```

<210> 672
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 672
ggctctccct gagtgtcgag gaggacatga gtgaaatgac cagcgaactc attttttata      60
ggactcgggtg aagccggatt ctgcatttcc ctacttgtag actcattttg tggaatagag      120
ttgatcgctg tctcctccgc aaagcatttt aactogaata agcaaagcc gcctctgttt      180
gaacgttttg gtattttacaa gagagaaatc attttaccta agagaactaa ttgaattggc      240
agcatccttg aaatacctcc ggacaaggat ctgggggttg ggggtggaaa gcaactgcga      300

```

```

<210> 673
<211> 285
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(285)
<223> n = A,T,C or G

```

```

<400> 673
gtgagacagg ttagttttac cctactgatg atgtgttggt gccatggtaa tcttgetcag      60
tacgagagga accgcagggt cagacatttg gtgtatgtgc tacgtcgccc tggacttcga      120
gcaagagatg gccacggctg cttccagctc ctccctggag aagagctacg agctgcctga      180
cggccaggtc atcaccattg gcaatgagcc ggttacgctg ccctgaggcn nnnnnnnngc      240
cttnnttact ggcatgntgt tctgttnntn cngnngagta cattc      285

```

```

<210> 674
<211> 292
<212> DNA
<213> Homo sapiens

```

```

<400> 674

```



gtcaatggtg	tacaagcaat	gctcgttttag	ggaaccgcca	ttctgcctgg	ggacgtcggg	60
gcaagcttga	tttaggtgac	actatagaat	acaagctact	tgttcttttt	gcaggatccc	120
atcgattcga	attcggcacg	aggggggattc	ataattccag	acaggtagag	aacggtttta	180
tttatgtaga	gacagagtct	cgctctgtcg	ccaggctgag	gcgggagaat	cacttgaacc	240
tgggaggtgg	aggttgcgct	gagctgagat	cattacactg	cactccagcc	tg	292

<210> 675  
 <211> 271  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1) ... (271)  
 <223> n = A,T,C or G

<400> 675						
canaccnatt	ctcnnttgge	aacnangatc	ganggggnac	ctagnnnann	nnnnnnnnnaa	60
tgacgcaaat	gggcggtcca	ttgacgtaaa	tgggcggtag	gcgtgcctaa	tgggaggtct	120
atataagcaa	tgctcgttta	gggaaccgcc	attctgcctg	gggacgtcgg	agcaagcttg	180
atthaggtga	cactatagaa	tacaagctta	ctttgttctt	tttgcaggat	cccatcgatt	240
cgaattccgc	acatgaatct	ccccctctca	c			271

<210> 676  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 676						
aatgatgac	agagagaacc	ctgttgaaag	agcgttacca	ggaggtcctg	gacaaacaga	60
ggcaagtggg	gaatcagctc	caagtgcaat	taaagcagct	tcagcaaagg	agagaagagg	120
aatgaagaa	tcaccaggag	atattaaagg	ctattcagga	tgtgacaata	aagcgggaag	180
aaacaaagaa	gaagatagag	aaagagaaga	aggagttttt	gcagaaggag	caggatctga	240
aagctgaaat	tgagaagctt	tgtgagaagg	gcagaaggta	actgatgtta	agaataaaaa	300

<210> 677  
 <211> 289  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (289)  
 <223> n = A,T,C or G

<400> 677						
gcgagccagg	attcccgate	cagagacaat	ggccccgatg	ggatggagcc	cgaaggcgctc	60
atcgagagta	actggaatga	gattgttgac	agctttgatg	acatgaacct	ctcggagtcc	120
cttnnnnnnn	ncttntangc	ctatggtttt	gangaactnt	tnngttttat	ttttntgttn	180
antnttngtn	gnctgntntg	ntnntgtngg	atngaganga	anantttctt	tntgngccat	240
gtgctgatgg	angnntnntn	ttntcnnatt	tntnnntttt	natgttttt		289

<210> 678  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 678

ggaccatgac	atctagggcc	tctgaacttt	ctccggggcg	cagcgtgacg	gctggcatca	60
tcattgttgg	agatgagatc	cttaagggac	acactcagga	caccaacacc	ttctttctgt	120
gccggacact	gcgctcccta	gggggtccagg	tttgccgagt	ctcagttgta	cctgatgagg	180
tagccaccat	tgcagctgag	gtcactttct	tctccaaccg	cttcacccat	gtcctcacag	240
cagggggcat	cggcccccact	catgatgatg	tgacctttga	ggcagtggca	caggcctttg	300

&lt;210&gt; 679

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 679

ttcaccaatg	acatgatctt	atagcgattc	tataaaaaaca	gaataattaa	caaattcagc	60
aaagttgtca	aatacaaaat	caacacacag	aaatcagttg	cattttctata	tagtactagc	120
agtgaacact	tcatgaagga	aattagcagt	ttcattttaa	tagcatcaca	tagaataaaa	180
tacataggaa	ttaaccaagg	aggtgaaaga	cttgtagaca	gaaaactaca	aaatattggt	240
gaaagaaatt	aaagaagaca	taattaaatg	gaaagacatc	ctgtgttcaa	ttatatccat	300

&lt;210&gt; 680

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 680

tcaaggccta	cgaacaggtg	atgcactacc	ccggctacgg	ttcccccatg	cctggcagct	60
tggccatggg	cccggtcacg	aacaaaacgg	gcctggacgc	ctcgccccctg	gccgcagata	120
cctcctacta	ccaggggggtg	tactcccggc	ccattatgaa	ctcctcttaa	gaagacgacg	180
gcttcaggcc	cggctaactc	tggcaccgcc	gatcgaggac	aagtgagaga	gcaagtgggg	240
gtcgagactt	tggggagacg	gtgttgcaga	gacgcaaggg	agaagaaatc	cataacaccc	300

&lt;210&gt; 681

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 681

gggagactgg	ggtctatttc	acccctgcag	tctcgaccat	aagagatggc	tacacccagg	60
ggggccagtt	cagagaccca	ctcccagggtg	tgcattctct	ttctcaagga	tgttccttgc	120
tgagaaaaag	aattcagtga	tattttctccc	atttgcttgt	gaaagaagag	aaatgtggct	180
ttgttcacc	tggctcaccg	gcggtcagaa	tttaagggtta	tctctcttgt	ttcctaaaca	240
ttgctgttat	cctgttcttt	tttcaagggtg	cccagatttc	atattgctca	aacacacatg	300

&lt;210&gt; 682

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 682

gatcagccca	cctcggcctc	acaaagtgtc	gggattacag	gcgtgagcca	ccttgcccag	60
cccacatcat	acagtttgaa	atgaaacttt	gccacaacca	gcctttgctg	tagcacacac	120
atatatcact	gaacctgttt	gaaataaagt	tttttttctt	tttcctctgg	tattctgggt	180
tctgaagtct	ggtattcttg	tattctgggt	tcaaaagtat	gacttgagag	tgttgctctg	240
gtattctgag	agttgctctg	tattctgggt	tctgaagatt	atttgaaaaa	taactcctac	300

&lt;210&gt; 683

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 683  
 ggtacaccaa agaagaaagc tgttggtccag gctaagttga caaccactgg cccggtgact 60  
 tctccagtga aaggcgctc atttgtcacc agtaccaatc cccggaaatt ttctggcttt 120  
 tcagccaagc ccagagtggg tttgggcata gtaatcagca aaagctacgg aataattcta 180  
 agaattagat gtttccatat cattaaaacc aaggatccat gaggggcaga agggaggatt 240  
 caaagatttt aaaaaaatca aatttttagac cttggttaaa tattaactgg aatgggatct 300

<210> 684  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 684  
 agactccctt tcccggctctg ctcagtaacg ggtgccttcc cagacactgg cgttaccgct 60  
 tgaccaaggg gccctcaagc ggcccttatg cgggcatgac agaaggctcc cctcttgctt 120  
 tctattcact tctcacaatg tcccttcagc acctgaccct atacctgccg gttattccta 180  
 ggttatatta ttaatgcaac agagtaatat taaaagctaa tgattaataa tgtttataat 240  
 aatgatggat aattgttcat gatcatcgct gtatctaatt tgtattatga ctattcttat 300

<210> 685  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 685  
 ggagagaaac cttatggatg cattgactgt ggcaaggcct tcagccagaa gtcttgcctt 60  
 gtagcacatc agagatatca tacaggaaag actccctttg tatgtcctga atgtgggcaa 120  
 ccctgttcac agaagtcagg actcattaga catcagaaaa ttcactcagg agagaaaccc 180  
 tataaatgca gtgactgtgg gaaagccttc cttacaaaga caatgctcat tgtacatcac 240  
 agaactcaca cgggagagag accctatggc tgtgatgagt gtgagaaagc ttacttctat 300

<210> 686  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 686  
 gggccgctca gttttttacgt aaaatggcag atccacagtc catccaggaa tcgcagaatc 60  
 tgtccatgtt cctggccaat cataacaaga tcacacagtc tctgcagcag cagctcgaag 120  
 tgattttctgg ctacgaagag cctctagaac tatagttagt cgtattacgt agatccagac 180  
 atgataagat acattgatga gtttggacaa accacaacta gaatgcagtg aaaaaaatgc 240  
 tttatttctg aaatttctga tgctattgct ttatttgtaa ccattataag ctgcaataaa 300

<210> 687  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 687  
 gtctgccttc aagaagccag acaggaaggc cctgcctgcc ttggctctga cctggcgggc 60  
 agccagccag ccacaggtgg gcttcttcct tttgtggtga caacgccaag aaaactgcag 120  
 aggccccagg gtcaggtgta agtgggtagg tgaccgtaaa acaccaggtg ctcccaggaa 180

```

ccccgggcaaa ggccatcccc acctacagcc agcatgcccc ctggcgatgat ggggtgcagag      240
ggatgaggga gccaggtggt ctgctgtggt ttgggagcct ataaagttag actaggctgg      300

```

```

<210> 688
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 688
gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga      60
gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga      120
gagagagaga gagagagaga gagnnnnnnnn nnnnnnnnnn cncacnctct tntntcncgn      180
nnnnntctc tctntgtntc nctctnngtg tnnganatnt ntctctctta tatntntntn      240
tntttntct ctcnanannc tctctctctc tntntgtgtc tctntcacnn ccctctctct      300

```

```

<210> 689
<211> 286
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(286)
<223> n = A,T,C or G

```

```

<400> 689
gtggtctctc cccctgtacc tagaaagcta tttgagctgg atccgtccct ctgatcgtga      60
cgccttcctt gaagaatttc ggacatctct gccaaagtct tgtgacctgt anctgccncg      120
ttttgaagag cttganctgg ttncctnttg gnnnttcgnt ntgtntntct cntnntgtnc      180
nntcnanant nntnanttnn natngntgna tnnntaangc ntnatnnttn cttnatnntn      240
tnngagctn ttnnnntttt nnnntnatnc ttngtnatgn tcatta      286

```

```

<210> 690
<211> 272
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(272)
<223> n = A,T,C or G

```

```

<400> 690
aaannnaana agnnnnaagn aancnnttaa gagangaang atngangnna gnntntnaat      60
ngnaaggntn natnncnaca nntgntantc tcggaatntaa tgtannccna tgaagnaaga      120
aaaccttgga cttgatgat attcacacac attcaggaaac ctgttttgat gtattatagg      180
caggaagtgt ttttgctacc gtgaaacctt tacctagatc agccatcage ctgtcaactc      240
agttaacaag ttaaggaccg aagtgtttca ag      272

```

```

<210> 691
<211> 300

```

<212> DNA  
<213> Homo sapiens

<400> 691  
ggcacgagge actaagcagg ctagtgctct cagcttcccg gcctcccctt ccaggccgct 60  
gccgcctgac cctgtgtcca agagactcca ggctgagctg gctgaccgac ccaatccccc 120  
taccgcctct ctgcccgtg acccggtggt gagaagcccg aagtctcagg ggccagccaa 180  
gccccaccc ccaaggaagc cactgcctgc cgacccccag ggccggtgcc catcggtga 240  
cctgccccgc ccaggggctg gaatcccgcc cctagtggta ccctccagac cagcgccacc 300

<210> 692  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 692  
aaaatgcctt cattttcctt tttactttat catgagacat aagatttatt ggcttcatat 60  
caacccttaa gtattgttaa ctttatgtaa tagcatttgg gttggggatt ggtgtgtttt 120  
cggttgtaca tagcatagtt gaattatggt aggcataatt atgaccttat tattgtcttt 180  
atttgaataa tatatatgat ctgaggaat gtgtatgagt tcaagttgac aaggagtggg 240  
tttgggatgg ttgatactga gtgtcaactt gattggattg aagcatgcag agtaataatc 300

<210> 693  
<211> 300  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)... (300)  
<223> n = A,T,C or G

<400> 693  
ggctgtcgct gaccaggag aagctgcctg tctacatcag cctgggctgc agcgcgctgc 60  
cgccgcgggg ccggcagcca tggccaagga catcctgggt gaagcagggc tacactttga 120  
tgaactgaac aagctgaggg tgnnnnnnnn nnnnnntatt cagcttatcc taaacctgaa 180  
agaagagtga gtagacttta aggatcaaga taatctgggg cttcccagtt gtgtcggcca 240  
aggacctgag acctgaaggg ttgactttac ccatttgact gggagtgttg agcatctgtc 300

<210> 694  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 694  
ccccggtgtc cccgcgaggg gcccgggggc gggtcgcgcg gccctgcggg ccgcccgtga 60  
aataccacta ctctgatcgt tttttcaatt gaccgtggag gcccccatgc ccaagctagc 120  
cacgcagtcc aacgagatca ccattccagt caccttcgag tcgcggggccc agcttggggg 180  
cccagaagct gcaaaatccg atgagactgc cgccaagtaa accccttagc ccggatgccc 240  
accctgtgtg ccgccactgg ctgtgcctcc cccgccacct gtgtgttctt ttgatacatt 300

<210> 695  
<211> 281  
<212> DNA  
<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(281)  
 <223> n = A,T,C or G

<400> 695  
 caggcggtact gacaggtgga ccaacggact gatttagaag agaacaagca tgcgctccct 60  
 acattccagc cacatatcac aaacgactac ggtctggaca actttgacac acagtttacc 120  
 agngagcccg tgcanttgac cccanacgat nangatgcca tatagaggat ngaccagtcn 180  
 nagttcgaag gntntganta tatccatcca ttattgctga ncnncnnanga nncnntnttc 240  
 atntacntnt agtcnntntt ttngctntct cccnnccact c 281

<210> 696  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 696  
 ttctggccaa ctagaggagt ctgaaggacc agacaattgc tcagaaacag aaggctgttt 60  
 agaattttct aaattcatta agggcaattc tggtagtttt ctggaaattg gctttaagag 120  
 ctcacctctg attttttaaaa tctctccaac tggatcaaat tttttatata ctctgtttgat 180  
 aggttttttt aaaacacatg actcttcagg actacaagca gtattagtct ggttttctac 240  
 agaagcctgt cctgaggaag aatttggact agctgggtctg gaacttaagt tagaaccac 300

<210> 697  
 <211> 262  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(262)  
 <223> n = A,T,C or G

<400> 697  
 gtcagggctg gactgtgagc ctgtgcttgg gtccctggagg aggtgagggg ggtatacatt 60  
 gatgagtttg gacaaaccac aactagaatg cagtgaaaaa aatgctttat ttgtgaaatt 120  
 tgtgatgcta ttgctttatt tgtaaccatt ataagctgca ataaacaagt taacaacaac 180  
 aattgcattc attttatgtt tcaggttcag ggggaggtgt gnnnnnnnnnn nnnnnnnnnn 240  
 nanntnnnnn tanngnntna tg 262

<210> 698  
 <211> 295  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(295)  
 <223> n = A,T,C or G

<400> 698  
 gggcgaaaaa gatgaccgaa attcaaactc ctgaaaatac tcctcgttta tttgatttag 60  
 taaaagtaaa agatgagaaa attcgccaag ctttttattt tgctttacga gataccttag 120  
 tagctgacaa cttggatcaa gccacaagag tagcatatca aaaagataga agatggagag 180  
 tggtaacttt acagggacaa atcatagaac agtcagggtac aatgactggt ggtggaagca 240

aagtaatgan nggaagaatg ggtncctcac ttgntattga aanctctgaa gaaga

295

<210> 699

<211> 300

<212> DNA

<213> Homo sapiens

<400> 699

agaaagtgct agcacagttt gtgttggtga tttgctactt ccatagttta cttgacatgg	60
ttcagactga ccaatgcatt tttttcagtg acagtctgta gcagttgaag ctgtgaatgt	120
gctaggggca agcatttgct tttgtatgtg gtgaattttt tcagtgtaac aacattatct	180
gaccaatagt acacacacag acacaaagtt taactggtac ttgaaacata cagtatatgt	240
taacgaaata accaagactc gaaatgagat tatttttggtta cacctttctt tttagtgtct	300

<210> 700

<211> 300

<212> DNA

<213> Homo sapiens

<400> 700

aagtagagga ggaagtgcag acaatttcat aagtgtctaa aaagagacag ttatgogacc	60
attgacgagg agtaaaagtc gtctattgag catcttattc actacaaata gaagaaagaa	120
ataccagttt cctgacaagc cccaccccat gcttggccag ttcttgagta cacttaatat	180
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<210> 701

<211> 300

<212> DNA

<213> Homo sapiens

<400> 701

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gacgaaatg ttaacaccgg gagctctcca ggccaccac ccggagagac gtcgcgctgt	180
ggcctgaagt ggcgcaagct tgctttgtaa atatctgtgg tcccgatgta gtgccagaa	240
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<210> 702

<211> 300

<212> DNA

<213> Homo sapiens

<400> 702

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ttgcaggatc ccatcgatc gaattcggca cgaggaagga ggacctaggc acacacatat	180
ggtggccaca cccaggagg tagtggggag ttagatttca gagtccaggc cctagggttg	240
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<212> DNA

<213> Homo sapiens

<400> 703

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&lt;210&gt; 704

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 704

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&lt;210&gt; 705

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 705

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&lt;210&gt; 706

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 706

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&lt;210&gt; 707

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 707

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aagagaaaaa	agtgcacctt	catttttttt	tcttgaaact	tgaggaaaca	agatacatat	180



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<210> 708  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 708						
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ctgtaaaagt	tgtggaaatt	gttagaacia	tagaaaaata	gagcagtgtg	tgtgtgcca	240
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 <211> 285  
 <212> DNA  
 <213> Homo sapiens

<220>  
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 <223> n = A,T,C or G

<400> 709						
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ntgcntgatg	cctcttntca	ctgcctggan	ccctgnttna	ngccctcgna	tctcccntgc	240
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<210> 710  
 <211> 275  
 <212> DNA  
 <213> Homo sapiens

<220>  
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 <222> (1)...(275)  
 <223> n = A,T,C or G

<400> 710						
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<210> 711  
 <211> 266  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

&lt;222&gt; (1)...(266)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 711

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ctggatgccc	tnnnnnnnnn	nnnntngtgt	ggngtgnnnn	nnntanctnnn	nnnnttttng	240
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&lt;210&gt; 712

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 712

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&lt;210&gt; 713

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 713

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&lt;210&gt; 714

&lt;211&gt; 291

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 714

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&lt;210&gt; 715

&lt;211&gt; 294

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(294)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 715

tcctccangg	ccgtggttgt	gaaaaaggtc	gaggccccctg	atgggaagct	ggtgtctgag	60
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cgctgccccca	gagcctggga	aggaggccgc	tttgacgggt	agcactggga	acaggggaacc	180
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cttgcccattg	cctccagcta	caacaccatt	ccattgcttt	tttttttggg	ccag	294

&lt;210&gt; 716

&lt;211&gt; 289

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(289)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 716

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taatgcagaa	tttcaaaatt	tctgcattca	cggagaatgc	taatatatag	agcacctgga	180
agcagtaaca	tgcaaatgtc	agcaagaata	tncgntnaan	gganctgttn	atgctanttn	240
ananataatc	nnagctggan	aggagcctt	ttaagcttaa	nnnaatggt		289

&lt;210&gt; 717

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 717

cgacggcaag	gtggtgctgt	cccggcagta	cggtcgggag	ggccgcttca	cgttcacctc	60
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&lt;210&gt; 718

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 718

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&lt;210&gt; 719

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 719

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&lt;210&gt; 720

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 720

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caaatnctta	aagataantt	nattttcaca	cagtccacaa	ggggtatatc	ttgtagtttt	300

&lt;210&gt; 721

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 721

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caaactggcc	aattatgcc	agtatcagcg	gctctgtgac	accctttttg	tgatcttcag	180
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&lt;210&gt; 722

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 722

acaacattca	gcatgcagac	ccgccagtgc	agatccttta	caaccgcacc	atggtgcagc	60
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&lt;210&gt; 723

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 723

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 <213> Homo sapiens

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 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 726  
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 aaattttttt aatcttcgcc ttaatacttt tttattttgt tttattttga atgatgagcc 180  
 ttctggtccc cccttcccc tttttgttcc cccaacttga gatgtatgaa ggcttttggt 240  
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 <212> DNA  
 <213> Homo sapiens

<400> 727  
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 ctcactcact acccagatgg ctgggtcccac cggggtatct tcagccgcct ccttgacagt 180  
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 <213> Homo sapiens

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&lt;210&gt; 729

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 729

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&lt;210&gt; 730

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 730

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&lt;210&gt; 731

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 731

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&lt;210&gt; 732

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 732

cactgggttc	caagttgctt	tgctgaataa	ggatttgaag	ccacagacat	ttagaaatgc	60
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gaagagcact	cgcagatttc	tgaaaggaca	ggacgaagat	caagtgcaca	gtgttcctat	180
agcacaaatg	gggaactacc	aggaatacct	caagcaagta	ccttctccac	taagagaact	240
tgatcctgat	cagccacgaa	ggttgcatac	atttggcaac	ccctttaagc	tggataagaa	300

&lt;210&gt; 733

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 733  
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 aacctctact tgggtggccac cacatcgaag aatgccaatg cctccctggt gtactccttc 120  
 ctgtataaga caatagaggt attctgcgaa tacttcaagg agctggagga ggagagcatc 180  
 cgggacaact ttgtcatcgt ctacgagttg ctggacgagc tcatggactt tggcttcccg 240  
 cagaccaccg acagcaagat cctgcaggag tacatcactc agcagagcan caagctggag 300

<210> 734  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 734  
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 aacctctact tgggtggccac cacatcgaag aatgccaatg cctccctggt gtactccttc 120  
 ctgtataaga caatagaggt attctgcgaa tacttcaagg agctggagga ggagagcatc 180  
 cgggacaact ttgtcatcgt ctacgagttg ctggacgagc tcatggactt tggcttcccg 240  
 cagaccaccg acagcaagat cctgcaggag tacatcactc agcagagcaa caagctggag 300

<210> 735  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 735  
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 tccctccgga ggagttctcc accttcatca aggtcgaagt gagtgagggc aaaggacgcc 120  
 tcatgcctgg gcaggaccct gagaaaacca taggagacat gttccagaac caggaccgca 180  
 accaggacgg caagatcaca gtcgacgagc tcaagctgaa gtcagatgag gacgatgagc 240  
 ggggtccacga ggagctctga ggggcaggga gcctggccag gcctgagaca cagaggccca 300

<210> 736  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 736  
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 tccagctgcc ctgcccactt tgaaggaaca aatgtggaag gtgtttcctc ccaccagagt 180  
 gccccccctc atcaggaggg tgagcccgnn nnnnnntga cccctgcctt cacacccccc 240  
 tcttgccgct atgccgttta actggcgact ccggtattga gctctgccct tgtcctgcct 300

<210> 737  
 <211> 300  
 <212> DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 737

agaacccatca	tgggctggac	attggacttc	ctccgggagc	ggctgttggg	ctggatccaa	60
gaccaggggtg	gttgggacgg	cctcctctcc	tactttggga	cgcccacgtg	gcagaccgtg	120
accatctttg	tggcgggagt	gctcaccgcc	tcactcacca	tctggaagaa	gatgggctga	180
ggccccccagc	tgccttggac	tgtgtttttc	ctccataaat	tatggcattt	ttctgggagg	240
gggtggggatt	gggggacatg	ggcatttttc	ttacttttgt	aattattggg	gggtgtgggg	300

&lt;210&gt; 738

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 738

gaatgacatt	catgccagtt	cttccttgaa	tggcagaagc	actgaagaag	taaggcccat	60
tgatgaaaac	ttggggcaaa	ctggaaaatc	tgtgttttgc	attcaccaag	atataaatga	120
tgatcatgtt	gaatatgtta	caggaattca	gcatttgaca	agcgattcag	acagtgaagt	180
ttattgtgat	tctatggaac	aatttggaca	agaagagtct	ttagacagct	ttacgtccaa	240
caatggacca	tttcagtatt	acttgggtgg	tcattccagt	caacccatgg	aaaattctgg	300

&lt;210&gt; 739

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 739

cgggactggt	accaccgcat	cgaccccacc	gtgctgctgg	gcgcgctgcg	cgttgcggag	60
cttgacgcgc	cagctggtac	aggacgagaa	cgtgcgcggg	gtgatcacca	tgaacgagga	120
gtacgagacg	aggttcctgt	gcaactcttc	acaggagtgg	aagagactag	gagtcgagca	180
gctgcggctc	agcacagtag	acatgactgg	gatccccacc	ttggacaacc	tccagaaggg	240
agtccaattt	gctctcaagt	accagtcgct	gggccagtgt	gtttacgtgc	attgtaaggc	300

&lt;210&gt; 740

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 740

gtacgagagt	ctgttgaaca	acaggctgat	agtttcaaag	caacacgttt	taaccttgaa	60
actgaatgga	agaataaact	atcctcgcct	gcgggaactt	gaccggaatg	aactatttga	120
aaaagctaaa	aatgaaatcc	ttgatgaagt	tatcagtctg	agccagggtta	cacaaaaaca	180
ttgggaggaa	atccttcaac	aatctttgtg	ggaaagagta	tcaactcatg	tgattgaaaa	240
catctacctt	ccagctgcgc	agaccatgaa	ttcaggaact	tttaacacca	cagtggatat	300

&lt;210&gt; 741

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 741

cagtccttca	atgccgtcgt	caattacacc	aacagaagtg	gagacgcacc	cctcactgtc	60
aatgagttgg	gaacagctta	cgtttctgca	acaactggtg	ccgtagcaac	agctctagga	120
ctcaatgcat	tgaccaagca	tgtctcacca	ctgataggac	gttttgttcc	ctttgctgcc	180
gtagctgctg	ctaattgcat	taatattcca	ttaatgaggc	aaagggaact	caaagtgggc	240
attcccgtca	cggatgagaa	tgggaaccgc	ttgggggagt	cggcgaacgc	tgcgaaacaa	300



<210> 742  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 742  
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 aaatgatgtg atgacagaa aagaggctta tgtgcacaag agtgtaatgg aagaactgaa 180  
 gagaattatt gatgacagtg aaattacaaa agaagatgat gctttgtggc ctccccctga 240  
 taggggttggc cgacaggagc ttgaaattgt aattggagat gagcacatat cttttaccac 300

<210> 743  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 743  
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 atttggaggg gaccctttca aagaaagtga cccattccgt ggctctgcc a ctgacgactt 180  
 cttcaagaaa cagacaaaaga atgacccatt tacctcggat ccattcacga aaaacccttc 240  
 cttaccttcg aagctcgacc cctttgaatc cagtgatccc ttttcatect ccagtgtctc 300

<210> 744  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 744  
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 tcagggtccg gccaacagtt ctgatgccct tgtggaacgt gctgggggtt gactggggg 120  
 cggggaccgc cttgctcggg aaggaagggtg ccatggcctg caccgtggcg gtggaagaga 180  
 gcatagcaca tctactaac aaccagatca ggacgctgat ggaggaggac cctgaaaaat 240  
 acgaggaact tcttcagctg ataaagaaat ttcgggatga agagcttgag caccatgaca 300

<210> 745  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 745  
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 aacttggggc aaactggaaa atctgctgtt tgcattcacc aagatataaa tgatgatcat 120  
 gttgaagatg ttacaggaat tcagcatttg acaagcgatt cagacagtga agtttactgt 180  
 gattctatgg aacaatttgg acaagaagag tcttttagaca gctttacgtc caacaatgga 240  
 ccatttcagt attacttggg tggtcattcc agtcaaccca tggaaaattc tggatttcgt 300

<210> 746  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 746

gananencag	atcnenttga	aatgcctctc	ttttaataaa	cgtttccttt	gttcaactatt	60
gcctgctagt	tcatcttgta	aatccttggc	tttaagctcc	aacttagtcc	tctgcttaat	120
ctgctcttgt	ctttcagcac	taagctgttc	tttttcttct	ttcatagctg	aaatttttgt	180
tttcaattct	ctaacttggc	gttcgatata	ctccatttta	tctcttgcat	cctgctgagc	240
atctcttaat	tgtctggatt	tttctccact	agtctctcgc	ttagcagaaa	gctcatcaag	300

&lt;210&gt; 747

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 747

ccgaagaaat	ataacacatt	ttggacctac	aactcttaga	tcaactcttg	cctatgggat	60
gctcaggctc	tgtgatcctc	taccttatga	tataatagtc	gatccaatgt	gtggaactgg	120
ggcaatacca	atagaggggg	ccactgaatg	gtctgactgc	ttccatattg	ctggtgataa	180
taatccactg	gctgtgaata	gagcagcaaa	taacattgca	tctttattga	ccaagagcca	240
aattaaagaa	ggcaaacctt	cctggggcct	gcccatagat	gctgttcagt	gggatattctg	300

&lt;210&gt; 748

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 748

attctctcaa	taatggccag	ccgaaaagta	cgcgctgcca	ggcatctgcc	tccgcggagt	60
cattaaactc	ccacagtggg	caccccactg	ctgatgtaca	gactttccag	gcaaagcgcc	120
atattcaatc	acaccgtcag	tcttactgta	attataacac	tggagggtcag	ttagagggca	180
atgcagccac	ttcctatcag	aagcagactg	acaaaccacg	ccactgtagc	cagtttgtga	240
cacctccgcg	gatgaggaga	cagttctcag	cacccaatct	caaagctggg	cgagaaacca	300

&lt;210&gt; 749

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 749

tttacaatca	ggaacttaac	gagactcgtg	ccaaacttga	tgagctttct	gctaagcgag	60
agactagtgg	agaaaaatcc	agacaattaa	gagatgctca	gcaggatgca	agagataaaa	120
tggaggatat	cgaacgccaa	gttagagaat	tgaaaacaaa	aatttcagct	atgaaagaag	180
aaaaagaaca	gcttagtgct	gaaagacaag	agcagattaa	gcagaggact	aagttggagc	240
ttaaagccaa	ggattttaca	gatgaactag	caggcaatag	tgaacaaagg	aaacgtttat	300

&lt;210&gt; 750

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 750

gacagaccta	acttccagca	ttcccaaacc	tctgcttcca	gttggaaca	aacctttaat	60
ttggtaccca	ttgaacctgc	ttgagcgtgt	tggatttgaa	gaagtcattg	tggttacaac	120
cagggatgtt	caaaaggctc	tatgtgcaga	attcaagatg	aaaatgaagc	cagatattgt	180
gtgtattcct	gatgatgctg	acatgggaac	tgcagattct	ttgcgctaca	tatatccaaa	240
acttaagaca	gatgtgctgg	tgctgagctg	tgatctgata	acagacgttg	ccttacatga	300

<210> 751  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 751  
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 attccttttg atgatattga atttgctaag ggtagaggaa catttcctg tgatatttct 120  
 gtccttgata ttcatacaaga ttttagactgg aatcctaaag tttctaccct gaatgtctgg 180  
 cctctttata tctgtgatga tgggtgcggtc atattttata gggataaaac agaagaatta 240  
 atggaattga cagatgagca aagaaatgaa ctgatgaaaa aagaaagcag tcgactccag 300

<210> 752  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 752  
 aaagaactgt ctcacgcaac cattgattct aaaactggcg atttagggga catcaatgct 60  
 gagcagcttc ctgggaggga acatcttaat gaacctggta ctagagaagg acagactcgt 120  
 ctaatcagag atggggagaa agtcgaagcc tatcagtggg gtgttagtga agggagggtg 180  
 ataaaaattg gtgatgttgt tggctcatct ggtgctaadc agcaaacatc tggaaaagtt 240  
 ttatatgaag ggaaagaatt tgattatgtt ttctcaattg atgtcaatga aggtggacca 300

<210> 753  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 753  
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 ctggaaaagt tttatatgaa gggaaagaat ttgattatgt tttctcaatt gatgtcaatg 180  
 aaggtggacc atcatataaa ttgccatata ataccagtga tgacccttgg ttaactgcat 240  
 acaacttctt acagaagaat gatttgaatc ctatgtttct ggatcaagta gctaaattta 300

<210> 754  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 754  
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 tggatctgga aaaagtaact ttttttatgc aattcagttt gttctcagtg atgagtttag 120  
 tcatcttcgt ccagaacagc gggtggcttt attgcatgaa ggtactgggc ctcgtgttat 180  
 ttctgctttt gtggagatta tttttgataa ttcagacaac cggttaccaa tcgataaaga 240  
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<210> 755  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 755  
 cagcggatgg ccgaaaatct aggcttcggt gggcctttga aaagccaggc tgcagatcaa 60  
 attacgaagc tgtataatct cttcctgaaa attgatgcta ctcagggtga agtgaatccc 120

tttgggtgaaa ctccagaagg acaagttgtc tgttttgatg ccaagataaa ctttgatgac 180  
aacgcagaat tccgacaaaa agacatattt gctatggacg acaaatcaga gaatgagccc 240  
attgaaaatg aagctgccaa atatgatcta aaatacatag gactagatgg gaacattgcc 300

<210> 756  
<211> 191  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(191)  
<223> n = A,T,C or G

<400> 756  
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tgagccgaga tcgcactgct gtaccagcc tgggccacag tgcaagactc catctcaaaa 120  
aaaaaaaaann aaaaaaaaaan ccctgttaan nncannggtn taagngaata gtttangnct 180  
ttaaannagg t 191

<210> 757  
<211> 179  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(179)  
<223> n = A,T,C or G

<400> 757  
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gttttggtt ttttggtttt tgcctttttt gttttgtttt tgttttttga ggcagggtgt 120  
cactctgttg cccaggctgg agtgcattag ncaccatnac agntnagcac annctatgc 179

<210> 758  
<211> 300  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(300)  
<223> n = A,T,C or G

<400> 758  
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tagatacttc tgatggattc tcggcattaa ctctgttttc ataaaagtgt gaacagtttt 120  
atgaatttga aagaaaattt ggtagctctt tatagcattc attcttaaag atcagtccta 180  
ataggtgatn tntaaatnnn ccanntanaa gaatgaagcn tctctacngg gtagtaactt 240  
gatncctctt nagganaana gggngctaaa tngcaagctc tnactaatgg ttctgtact 300

<210> 759  
<211> 62  
<212> DNA  
<213> Homo sapiens

&lt;400&gt; 759

gggggtatcag ttactggatc taagcatgtc cactctacac gctttttttt tttttttttt 60  
tt 62

&lt;210&gt; 760

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 760

cacaagggtca ggagttggag accagcctgg ccaacgtggt gaaaccccggt ctctactaaa 60  
aatacaaaaaa ttagccgggc gtggtggcac atgcctgcag tcccagctac tgagaaggct 120  
gaggcaggag aatcgtttga atctgggagg tggaggctgc agtgagccaa gattgcgcca 180  
ctacacttca gcctgggcaa cagagtgaga ctctgtctaa aaaaaaacac taagcatgta 240  
gtttctatat aactagaagc ataggatatt ctgatctgca atccatcaat cagtgccaat 300

&lt;210&gt; 761

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 761

tttgaatatg gactatagtt agataatagt cttaggtaat agttaaatgt cctggggtttg 60  
attattgtgg ttatatgggg gaatgtcctt gtactcagaa gacatatgct gaagtacagt 120  
atthagagat aaaagtgtca tgtttgcaac taactttcaa atagttcaga aaaaaaata 180  
tgtatatatg tgtctgtgcc tgtatatgaa agagagaaca caaatgtggc aaaatattaa 240  
caattggtgg gccaggtagt gtgggtggct catgcctgta atcccagccc tctgggaggc 300

&lt;210&gt; 762

&lt;211&gt; 284

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(284)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 762

cctttaaaag gcagctgcaa atgacccatt tttgtgataa aactaactca gagtacagggt 60  
gcaacccac tgatgtaaac agcttttgag gctttgagg tttagatgac agtcatctaa 120  
aacaccagct tctcaaatac atcagcttca ggccctgggct gagcctgagg agcctcctag 180  
gaagttagag atttttgagc tcaaagggct caggagaggc ccaatagttt tcatgcttca 240  
ttaacccgaa ggcttcccga caatcgncca agggtnncta aaag 284

&lt;210&gt; 763

&lt;211&gt; 289

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 763

caaagatact ggatactaga aggcagtgga ggaaggctctt ccaagtgagg atgaaacatt 60  
ttaaacctag gatccattaa atccgaaggc taaagaaagt caccacacat caggactaaa 120  
atgttgactt cccataaaca ctattttatt ttatttttat tttattattt tattttattg 180  
tatttttctt agactgagtc ttgctctgtt gccaggctca agttgcagtg agccaagatc 240  
acgccactgc attccagcct gggcgacaga gcaagattcc atcttaaaa 289

<210> 764  
 <211> 295  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(295)  
 <223> n = A,T,C or G

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cctggagggc ggaggttgca gtgagacgat accgtaccac tgcactccag cctgggcaac      180
agcaagactc cgtctccaaa aaaaaaaatt taaaangatt tttnttatgg nggtttcana      240
aatggttgtg nggcaggctg gntgnantgg cacangcctg nantnccage acttt          295
  
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<210> 765  
 <211> 297  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(297)  
 <223> n = A,T,C or G

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gngcagctta nccanttttg aatatgcaat tcagtggatt aagtacattn tcantgttgt      120
anagccatcg ccatcatcca tctccagaag ttgtgcatct taccaaattc tgtgcccagt      180
gaacaataac tccccacctc cccttccctt agcaacagcc accccttttg tctctatcat      240
caacttcact actcatatct ctcagtgaag tggaatcata cagtatttgt ccttttg      297
  
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<210> 766  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

```

<400> 766
ctctcatgga gctccagagt gacatccagc attgttagca tgcgatcaac atcatagacc      60
atcagtgtgc aacacgagtt accaagaggg gctttcttag tggaaagaga gtgataaatt      120
ggtaacatgg aagctacttc ctgtgttctt tttctgagaa ctagaagaag gaatacaagt      180
tggcccatg ctaatgtgta tatacctttt ttacatacca atcactagtg tgtttagaaa      240
ttaggaaagg tcagtaagtc tccagtatat ataaacatct atagtgtatg gaaagggtctt      300
  
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<210> 767  
 <211> 290  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(290)  
 <223> n = A,T,C or G

&lt;400&gt; 767

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ncaaaaaancn	gaaantnta	aaagggaagn	ccccctaaaa	ncnngaaaat	tcaccnttcn	180
ttaggggtnc	ntnttcant	tngatngncn	ctngaggctn	gcaanttttn	aancaancctt	240
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&lt;210&gt; 768

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 768

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caactcagct	atttgagcac	cttttataga	gtggaaatgg	ggttgggcag	tagagaagag	120
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&lt;210&gt; 769

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 769

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&lt;210&gt; 770

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 770

aggggcctta	cattactttc	ttgcagcaact	gatggctttt	gtttgaggct	gcacaaatcc	60
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&lt;210&gt; 771

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 771

caagattgag	cacacggaga	cagatactgt	ggaccccaga	agcaatggac	ggccccccac	60
tgctgctgct	gtccccaaat	ctgcgaaata	catcgctcag	gtgctgcagg	actcagaggt	120
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ccaagatgag	gagttgctga	tgccaccgga	cgccctcacg	gacacagact	tccagtcttg	240
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&lt;210&gt; 772

<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 772

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<210> 773  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 773

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caacaaagat	aataaagtgc	ctgatgttta	tatcaaatag	gatatggcat	gtttctgagt	180
gtttctaaag	aaaaatactg	aatgaacccc	tcgcctaacc	tagtgccctgt	ggtaacaata	240
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<210> 774  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 774

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<210> 775  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 775

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aagatgaaga	tggcatatgt	ggttatgcct	tgggcaactgt	agatgtgacc	ccctttatta	180
aaaaatgtaa	aatttcctgg	atccccctca	tgcaggagaa	gtataccaag	ccaaatgggtg	240
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<210> 776  
<211> 288  
<212> DNA  
<213> Homo sapiens

<400> 776

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gaaactgctc	tttgtgttcc	cttcaatgag	gaaacaacat	gtgtctactt	atgtggcatc	180



caactgcttg gagctccaca ctcccttttc gcgactcagg ctctggtgct gttgccaatc 240  
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<210> 777  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 777  
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 cgttttatttt cactgcatgc tctctatgga aagaggatgt gctaagcaaa caagcattgt 120  
 aaacaatatt tcagaggcaa ggttttggcc tgctttaaaa aaataaaatg tttgcaagta 180  
 caattaaaaa ccagtataag ggacaggggt gggatgaaaa cctgtctcta agattacgaa 240  
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<210> 778  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 778  
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 tttcctaagg actgcgactc ggtgaacaga aaggaggcta tgcggtgtgg ccagccaact 180  
 caaggaggac gaagcagcct ttgcctctaa actgcctgga accanangcg tattnttctg 240  
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<210> 779  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 779  
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 ttctggtctt gacacatttc tactggggcc caggctcaag tctcggtggc cctgggtggt 180  
 cactggagac tgttcctgtg gaggccactt caaggctgcc ccggaggctc cccaacctgc 240  
 ttctacagca ccctgggggc gccccctccc taacgaggag ctcccaagat gtagttttgt 300

<210> 780  
 <211> 294  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(294)  
 <223> n = A,T,C or G

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caaattgcntc	ccattgngat	agtcctacnt	tatgngacat	taacctatat	tcctgggtcc	240
ttttaattcc	caactactgc	tnttanaggt	cttanccttt	tatgttaatt	ttta	294

<210> 781  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 781						
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taacttttac	aaagaagtat	ttttaaaactg	atcattaatt	ttatgaccac	agaaatgaga	180
tgcaaaattt	atgctattgt	cagtggcaca	ggctcacagc	accactgaca	ttttgtgtga	240
ttgtaataga	atggctgcca	actaatgatt	ctgtagacat	ttcatttgag	tgtgcttttc	300

<210> 782  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 782						
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ttcaggatgt	ttaggtggct	ccacatgcgg	atgtacagct	ttcccttgct	tgttttcccc	180
atggcatatt	aacagcgaga	tctgcaagaa	tacatcattt	tgtacagaac	aggatgtatt	240
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<210> 783  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 783						
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aaacgccccct	catgaagtct	gggtaattct	ctccagattt	ctccttatca	acaaatttat	180
aagagttagg	aaaaaaatga	tgtaaataaa	gcacttaaat	tgcgacagtg	gttctattct	240
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<210> 784  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 784						
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ccggtcttgc	aggatagaaa	tgtgtgacta	aaatgaagca	tcgatctgag	aagactacaa	240
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<210> 785  
 <211> 300  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (300)

<223> n = A,T,C or G

<400> 785

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acgagatgca	tcatgccacc	attttcctgg	agcccttcag	gaagcttcca	ctcatggcag	180
aagggtgaagg	gcagccagca	tgttcagtga	tcacgtgggtg	agaggggaagg	caagagagag	240
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<210> 786

<211> 300

<212> DNA

<213> Homo sapiens

<400> 786

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ccaaaaggag	tgtatttttc	cagtgatact	ctcatatcac	cttttctaac	cttcacagca	180
tagatgtgga	cataggattg	gtgcctccat	attgagagtt	gaagcatctg	tggcaaaata	240
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<210> 787

<211> 300

<212> DNA

<213> Homo sapiens

<400> 787

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aaacctgtga	gttcatgtga	atgagtggtt	gaagggccttg	acgccatgta	gtctcttagg	240
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<210> 788

<211> 300

<212> DNA

<213> Homo sapiens

<400> 788

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catttactgg	cttgtgtgtg	ctgcctgcac	agcacctgac	cctcaaccag	cgtgtttgct	240
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<210> 789

<211> 300

<212> DNA

<213> Homo sapiens

<400> 789

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&lt;210&gt; 790

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 790

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attcacaagt	tctttccagt	ttccaagtct	tttcttagca	gtaatttagg	ggagacagag	300

&lt;210&gt; 791

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 791

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&lt;210&gt; 792

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 792

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cccaataagt	atatcatttt	cattacatta	gtatcagact	ttacattatt	atgaccatgt	180
aaatgctatt	tctaactgag	ccatgtagta	tactctgatt	acttttccct	tcttgacaaa	240
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&lt;210&gt; 793

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 793

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ggaccaat	ggaagcattg	ttgtcacctc	tcttttggtg	cttccttttt	acctttggat	300

&lt;210&gt; 794

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 794

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&lt;210&gt; 795

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 795

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&lt;210&gt; 796

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 796

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gctaattttt	tttttttact	ttttacagag	atggggctct	actatgttgc	ccaggctggg	180
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&lt;210&gt; 797

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 797

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atttagagga	tcttttgcaa	atcagagaaa	aagaatcaat	acaaggcgaa	agaattctga	240
tcagcacttt	aaaacgtgct	tatcagaaac	ttttcttctc	tcttttaagc	tttggttcta	300

&lt;210&gt; 798

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 798

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agccattcag	gattaacagt	gtattgtgta	ataaagtgga	ctttgtgtga	aagttggaga	240

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<210> 799

<211> 300

<212> DNA

<213> Homo sapiens

<400> 799

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gtgcaaagca gccagtctcc caagagacct tggcagagct gggagtctct tgtgctttgc	180
cttttgaaga ctcatcagc tctgccatgt ctctctaca ctgttttgta caaccttact	240
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<210> 800

<211> 300

<212> DNA

<213> Homo sapiens

<400> 800

ctggatgaag actaagcatt taaatactaa gttgagggca tagtagctgg catgtgccta	60
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tgcagtgaat tatgagccaa tgcactccag cctgggtgag agtgagacct tatctcaaaa	180
cagcaacaac aacaagatac aaattgagaa actgttactt gatttgcgat atgtattctg	240
tccagcagtg atagaataac aaggactggg tttaccttgc tattttaagc aacaatatat	300

<210> 801

<211> 300

<212> DNA

<213> Homo sapiens

<400> 801

acctcttctt cattgttaaa atggaaataa taatactacc tagctcgtgg gattgttgtg	60
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agtccacagt taaattagcc tttgttacta aatcattggt tgggtagaaa tcctcagatt	180
ttggatttct caagtgtctc ttttctactg tccaaaaggc agaattgttat ttttgcctga	240
ttccattatg taatatccta tgaatttgaa atttcggagg aggcacagca tggggctgtg	300

<210> 802

<211> 300

<212> DNA

<213> Homo sapiens

<400> 802

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actctctctc ttgagatctg atgtccccag tcccctcatt gttgaatgtg aatagaatag	120
gaaccaccgt tttgcactgt tcatggctat gttgagttat gtgggggaga agggcatatg	180
gtagtaaact gaattctcct gtctgcctac agctgcattt ctcaattgtt tctcttctct	240
ttagtgctgt gtacatacct ctgtcagcac taataacgtg taattatttt atctatttac	300

<210> 803

<211> 300

<212> DNA

<213> Homo sapiens

<400> 803

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tggcaggggc	cctgatgggtg	gctttcgtca	agtcaaagaa	gctgtcatgc	gttatctgca	120
gacactcagt	tgacacttgt	tatatcatgg	gaccccgga	attggagtga	agctagaaac	180
agaaaaccca	tgcagggcct	cggattccca	caaagtgtgac	aagagggtata	gggagtgagt	240
cgcagcgctt	tgctcgtgac	cctgggatca	gagcaccat	caggcttcca	ttactgtggg	300

&lt;210&gt; 804

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 804

cagagaggca	gggataccag	atatggggaa	atctgtaatt	acatgcaggc	attaaatatt	60
taaatatata	ttttcttctt	ttaattgtgg	taaaacacat	ataacataaa	atttatctgc	120
ttaaccattt	ttaagtgtac	tgttttgtag	tgctgagtgt	attacattat	tatacaacca	180
atttcagca	ccttttcatc	ttgcaaaact	aaaactcttt	acctattaaa	caactactcc	240
ctgtttctcc	ctcctcccag	tccatgagaa	gcaccatttt	actatctttt	ctgtgagttt	300

&lt;210&gt; 805

&lt;211&gt; 290

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 805

atgaggatatg	aagccattta	atacgaagaa	gagctaaaag	aatgagaacg	tgattgcatg	60
aaatgttttag	ccagaaatct	tgggatatag	gagaagaggg	ggagacttga	ttgattaggt	120
tgtaaataatt	tgctctatgg	accacggtaa	cgtggattag	cattcagagt	agtaaccagt	180
agtgggagtt	ggagtcatag	agtattgggt	ctctttatcc	caggagattt	ccaatggggg	240
cagtttctac	tgacctttta	gagagaccat	gctatgctgt	cttttttttt		290

&lt;210&gt; 806

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 806

ctctagcatg	tgccataaat	tacagtgacc	tttaaaatct	cgcttgggtca	ctgctgaatg	60
ggtgagaata	ggcttgggtc	cagtttttaa	ggtcacactg	tcctaatttg	caatgcatca	120
caccatgtac	taagttggta	acaaccgctt	agaggaaagc	tttcgttatg	caagggagaa	180
catcaaaaag	ggcacttata	ccaaatgaat	gcagcaattt	aaaccaaaga	tgtttacgca	240
gggcaagaac	aaagtaaggc	aggagtgttg	ggtcaactag	gctgatgtct	ttgaacaccc	300

&lt;210&gt; 807

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 807

atcgagacca	tcctgggctaa	cacggtgaaa	ccccatctct	actaaaaata	caaaaaatta	60
gctgggcata	gtggcaggtg	cctgtagtcc	cagctactcg	ggaggctgag	gcaggagaat	120
ggcgtgaacc	cgggagggcg	agcttgacgt	gagctgaaat	tgcaacactg	cactccagcc	180
tgggcgacag	agtgagactc	cgtctcaaaa	taaaaaaata	aaatgggaat	atcaataggg	240
cctatttagt	aggggtggaag	tatagctcta	atgagatggg	ccatactggg	ccccagcac	300

&lt;210&gt; 808

&lt;211&gt; 300

<212> DNA  
<213> Homo sapiens

<400> 808  
 aaatattttc attggttata caactgctgt gtcttttctg agaaactcag ccccaatgtg 60  
 taacaccctg gattccacgg ggcagcaa at tccacacact gcacccatgt tgtgagcgga 120  
 gatttttcggg ctgacaaaaa cttgaggcga actgagtctc catcttaaca ctcaaacaca 180  
 cttcatggcg gcctggaaac aaggcaatca ttatgaagct tcagcccagt tcttctgaaa 240  
 ccaacgtatt gggcctgctt cattgtctct ctaggggcta atcacaacaa tgtgggaagg 300

<210> 809  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 809  
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 ggccggcctc tatcattttc tgactcagca gctccaccaa aattgacatc ctagcaaaca 120  
 ctgtgaagga attaacctaa gtgcttccag agcatctcat gtaaccteta tggagtaagt 180  
 cactttttct gtaacatgtg gcttttgacc ttgatgaaga ctttgacttc tcatccctgt 240  
 ctacatggag gaagatgatt cagtgggtgg gaaaatgaac ctcggttaaca tttccaatgt 300

<210> 810  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 810  
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 aggaatatatt ttgaattctg gttttgaa at agagggaag gccaaagtct ttaggaaagt 120  
 tttacataaa catctactta gcatagccga atagttctct actacaccag aaaagaagtt 180  
 tgagcttcca gtctttttta ttgtagacag gaaggtaggc aggagagcaa taggaaggct 240  
 cgacaggaaa gcagtttctc agtcggttagc aaagggaagg tttaggtcca gtttgtgcag 300

<210> 811  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 811  
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 cctctgacct ccaagatgtt aggtggcctt tctgtgcctc agttttatca tctgtaaatt 120  
 gggatgatt gtactagtgc ctactacata aggagtgtc caaagattac atgagtgtct 180  
 ttaaagtcct tacaacagta tctcacacat agtaagcatg gcatgtggtta gttactatca 240  
 ttagtccctc ttggagcaat gtatattaaa attttaaaga cagctgtctg gtcaggattg 300

<210> 812  
<211> 300  
<212> DNA  
<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G



&lt;400&gt; 812

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gttggggaaa	gtgacaggca	tagctgactc	ggggtcattc	actaagccag	gagcccagga	120
agacacacag	atgcaagcag	agatcgtgcc	attacactcc	agcctgggct	acagagtggag	180
actctgtgtc	aaaaaaaaaa	nnaannaaan	gggccttgng	tggtagcagg	tanaaaattg	240
aatntcngtt	gncatnagnn	acctgtntctg	tatgatcnct	tcccattccc	cagntgacgg	300

&lt;210&gt; 813

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 813

ccctccttgc	ccagagcagg	cattgctcat	ccactaggca	cttcttctctg	ccaaggcacc	60
tcttctctgcc	aagtcagtgt	ctcacgatcc	ctttcaacac	agccacgagg	aagccatgat	120
acatcaactg	gcactggcaa	ataaaatcaa	acctattttgc	ctatccagtc	ttatcccact	180
ttgttggttt	ctctaagtag	ttggaaaaca	acatgtccag	agaaaaatac	cagaacttat	240
tctgagtatg	ttcttcagag	caaaccttta	gaatcttaat	gatgttttaga	cactcaggaa	300

&lt;210&gt; 814

&lt;211&gt; 162

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(162)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 814

ctcggagcca	ccccggaaga	ccatgcgcag	aggggtgctg	atgaccctgc	tgcagcagtc	60
ggtacatgac	cctgcccctg	tggatcgcta	agcctggtga	ctagctanna	cctatntggg	120
gctcntcttt	gttttnngana	ctacatagga	cgatcgtgga	ta		162

&lt;210&gt; 815

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 815

ggcaacaaga	ccaaaactct	gtctcaaaca	aacaaacaaa	caaacaaaaa	acaatcacat	60
tcaaagctta	gccaggagaa	aaggcgctag	gagatacccc	actgggatcc	ttgaagaatc	120
ataacctaaa	aatagatgtg	aacctgaagt	agacaagcga	tacaaaatct	cagtggagctc	180
agtctgggat	tggtttagct	tgatcactcc	cattcagctg	cctaccagag	gactggggcga	240
acgatcactg	aagaaagatg	ggagtctcta	cctttctcat	aagttgtttc	aatgaaaaat	300

&lt;210&gt; 816

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 816

ttgacggcgc	gggctctgga	ctcgctgctt	ggtaaaaacc	ttcctcttcc	tccagtgcgg	60
gacgcactct	ctgggtatctc	ttttgacctc	ccggaggctt	tcctttgtcg	gtcgcgggcg	120
cactgtacta	tggcatacct	cgttttatta	cgcttcgcag	atagggcatt	ctgaaaacaa	180
atggaggggt	tgtggcagcc	ctgagtccag	caattgtatc	agcgccattt	ttccaacagc	240

atgtgtctcac ttggtgtctc tgtgtttacat tttggtaatt ctcaaaatat ttaaaacttt 300

<210> 817  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 817  
cagagcttag acatccaaaa ctaatcaatg ctgaggtggc taaataccta gcctttttaca 60  
tgtaaacctg tctgcaaaat tagctttttt aaaaaaaaaa aaaattgggg gggttaattt 120  
atcattcaaa aatcttgcac tttcaaaaat tcagtgcag cgccaggcga tttgtgtcta 180  
aggatacgat tttgaaccat atgggcagtg taaaaaatat gaaacaactg tttccacact 240  
tgcacctgat caaaagcagt gcttctccat ttgttttgca aaaaaatggt tttcatttcc 300

<210> 818  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 818  
gagacctcta acctcccgcg gttgagcaaa tacactctga gagacattag ggactgtggc 60  
aaaaagcagg caatccatgt gtgtcactta agccttgagc acagttcagt aggcaacaaa 120  
ccaggaactg tcctggcaga taagacagac tgtgcaaggt catcgtcac ggcatgggaa 180  
gggcattaat taccaaagtg gagacacagt cactgtctcc aagagcattt ggaatcactt 240  
cacagagttc tcaaggaggg gaaggctatc tgtcagctcc tggcggggact gctgccccat 300

<210> 819  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 819  
agtgtgatct gcaggggagag aaccaattac agtatgcttg gagaggggtga catttattct 60  
gctgaacctc ttctctgctt cacataacgt tggccacttc acctttcctg agatgtctct 120  
gaggatgggc atatttttaa gacttgagct tacatcatcg catcttgaaa gaaccgagta 180  
taattgagtt gctgatacaa gtgggtactt gcaccaggtc cgggtcaccc acatctctat 240  
ggaaacacat gtttgcttta aagcccagca atcagaagca gatccttata ggagccagca 300

<210> 820  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 820  
attaaagttg aagcctttct aatttttgaa ggttgagcac tttggttatt catggtttta 60  
tatgacgac atcttttata catcgctgca gttttctatt ttgacttgaa ttggaggcag 120  
agctccacca cccagtggtg tcgtctgatt tcccagacta gagtccagcc tttcctgtgc 180  
ttgcctggct tccctccatg ttgcttccca cccaccatc tatacccttc acatccaaaa 240  
tccaaaacct cacactcata cgagaatccc tgtaggggtc ggtttatatt tacacactaa 300

<210> 821  
<211> 272  
<212> DNA  
<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1) ... (272)  
 <223> n = A,T,C or G

<400> 821  
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 nctgatcacc tggggatnac ccctgnaccc ntgtnttgnt caggacntct tatagntnct 180  
 nnngttntct ttttntnant gttgtnttga tnnnttnttn ntttnttgnn gcttnaaggt 240  
 ntatgtntn tngtggtnat tttanntgat tt 272

<210> 822  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 822  
 cagatacagc ctagtgtccc tcagttacac aatagtgtgt cccccagtgg taggacagtc 60  
 tactactgag tcctcctggc atgagtcgag ctgagattag gatagggtaa tgacccttca 120  
 gttttgggga agggaccaga gctcggccag tgagaagctt ccagctccgt ctggccatat 180  
 ccaggctgct gagggtcctg ggctctgtcc ttaaacctca tcaactgacat gaccagcaa 240  
 acctcctcaa gaggaaaaag tccccttggg tcaaacacag cttgtgcagt tctcggggac 300

<210> 823  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 823  
 ctttgccatt gtggctgtgc gagctcagcc tcctggaaac ccgccctgag cttgggttaac 60  
 agcattcact ccagggttag ccagctcca gggtatcgca ggcaggactc ccgagaacag 120  
 gttcatgttt gctttttggg aggtgctgcg ctaaagtggg aaaccacctt gggccgagtg 180  
 ggacctcccc agctgggagg ctgttaacca gccaggatgt ctgacctga gaagtcaccg 240  
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<210> 824  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 824  
 ggcagagaat cccttgtaga aagggtggggg agaatcatag gatattataa ctgtaaggaa 60  
 catgcaagat tttccagatt atacccttga tagaatagat aagttcctta aggctcagat 120  
 cttgcttaaa gtcgtccagc ctgttagaga caagtagaac acgaagctgg cctctggagt 180  
 ctttattgag tactttgtac aattggtgta gactgggaga gccctcctca cttccccttt 240  
 cttgtgctgt aatttcctgt ggggcagaac acctcagagg tttctgtgca tcaaaataag 300

<210> 825  
 <211> 269  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (269)  
 <223> n = A,T,C or G

&lt;400&gt; 825

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agggtcacagc	ctgctctcca	cacagtgagc	tccagactcg	agattttctc	tcattccatt	120
ttgggttctca	gggaaagagt	gaggcaggca	gcactcccct	gactcacact	ggcttctgca	180
tagggtgctc	tggggaagct	tggccttatg	ccataaggca	tctgggcagg	gccactgnag	240
ctgnctgatg	tagcctgcct	atttagnat				269

&lt;210&gt; 826

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 826

cacagaccca	gaacctgcta	tgcggaacaa	ggctgatcag	caacttgtgg	aaatagacaa	60
aaaatatgct	ggattcattc	atatgaaagc	agtggctggt	atgaagatgt	cttaccaggt	120
acaacaggca	atcaacacat	gcctaaaaga	tctgttaagg	ggtttcagac	aagacgagtc	180
ctctagcgct	ttgtgttcac	acctttactc	catgatccgt	ggaaaccgcc	aacacagacg	240
agccttttctt	atttctttac	tcaacctctt	tgatgacaca	gcaaaaacag	acgtgactat	300

&lt;210&gt; 827

&lt;211&gt; 179

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(179)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 827

gagctgctca	gagctgcctt	gaaggacggc	cactcaggcg	tgcccttggtg	ctgtgccacc	60
ctgcagtggc	tccttgctga	gaatgctgct	gtggacgtcg	tgagggcccg	agcactatct	120
tccatccagg	gagtggncct	tgatggcgcc	aacgttcacc	tcatngtncg	anaggatgg	179

&lt;210&gt; 828

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 828

gcttgaagtc	tccttggaat	ctttccttgt	ggtgcacatg	ttcttttgat	tttattccac	60
ctttgattgt	cccatagcaa	aacaaagaac	ccacttaatg	gaagaacttg	acattctccc	120
atgtttgttt	caaagccaca	taggcattgt	tctacgagat	gctgctttga	taatgagttg	180
gttatactcc	tgcactctac	tcaattgcat	aaacattctc	taattcctaa	tggaaaggct	240
gaagaacctt	aagcctactc	acttggacct	gctgttgatg	agtgcctggg	atgctgagtt	300

&lt;210&gt; 829

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 829

ggtaagtaac	ctgtgcagag	cacagaacta	ggattcagac	ctacagaccc	acaagtcagc	60
ctctaaggcc	cacttataac	tgctcttctg	cttgcaaggc	cctatggatg	aaatccagtt	120
ataacctcct	tttgctataa	ctagacacag	agggaggcgt	ttctccctaa	tctgtattta	180
tccagacaag	ctgtccagca	agattttctga	gtgaggggct	ttaaggaagc	aatctgcggg	240

tgtgtagcct tttctccctc agcaaataca gaaggagctt atagcccggtg ctcacccctgc 300

<210> 830  
 <211> 296  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (296)  
 <223> n = A,T,C or G

<400> 830  
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 ttncctntnc ccttnccctnc ccgncnanan ntttnccnng ggngggcnaa aaaaaaagtn 180  
 aaaagaaaag aaaaaaaaaa aagaaacaaa ccacctctac atattatgga aagaaaatat 240  
 ttttgcgat tcttattctt ttataattat gcgggaagaa gtagacacat taaacg 296

<210> 831  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 831  
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 tcccctgcgg ccttccgtgg tcacagcaac agggactgct caccocctcc agctggggct 120  
 tttctaaca gcacagtcag aaatgcgcag gcctgggggtt ggggatgaac agaagttgat 180  
 tagtgggcac agaaatacag ttagatagaa ggaatagttc cagcattcga tattacagta 240  
 gggagactgc atttaacaat aattgattgt atatttgaaa acagctagaa gaataagaat 300

<210> 832  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 832  
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 atcccaaaat caaaagtcta cagttccgtc aagaaggaga atgtattctt ttgatgatgt 120  
 gctggaggaa ggaaagcgac cccctacaat gactgtgtca gaagcaagtt accagagtga 180  
 gagagtagaa gagaagggag caacttatcc ttcagaaatt cccaaagaag attctaccac 240  
 ttttgcaaaa agagaggacc gtgtaacaac tgaaattcag cttccttctc aaagtccctgt 300

<210> 833  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 833  
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 acccataaaa agtgtcaaag gcaaataatt tgctctagat cacaaaacta gtagcacaa 120  
 ggctaggatt ataaccaggg tctaggaaaa aatcctgaag gtgatttaac tgagtgttag 180  
 gccctgtcaa gccacgtgct aaggctcatg gtctttcaga ctagcttcaa cattccaaat 240  
 caggcaatag ctacaacgga aagataattg gacggggaat cctgagatca gagtcctagt 300

<210> 834

<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 834  
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ttattgtaac acacatgatg aaggagtttc ctatggatct ctatatacgc tgcattccagg 120  
tagtacacaa actgctctgc taccagaaga agtgtcgggt acgcctgcat tacacctggc 180  
gggagctctg gtcagccttg ataaatttgc tgaagtccct tatgtcaaat gagactgtac 240  
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<210> 835  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 835  
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<210> 836  
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<212> DNA  
<213> Homo sapiens

<400> 836  
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gttctgacag actcatgtct ttcagattt ctctgatcgg cgcctccac cccttgaca 180  
gttaccagag ctcataagcc aaaggaaata gttcctgttg ccatgagtac tgtgtctgtg 240  
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<210> 837  
<211> 300  
<212> DNA  
<213> Homo sapiens

<220>  
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<223> n = A,T,C or G

<400> 837  
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ttgggaaggt ctggggccga ggggtctggga attttttttt tttttttngg nacanagtct 240  
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<210> 838  
<211> 300  
<212> DNA  
<213> Homo sapiens

&lt;400&gt; 838

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agagtggagac	cccattctcta	aaaccaaaaa	ggtaccttag	aagggtcacct	ggttgggctaa	180
cctttttaaag	gcagggggt	gacacgtagg	acacattggg	aatgtcttgg	ctactacatg	240
tagccttctg	ggatatatgt	gccacagagg	agaagcactg	agcctgaaga	aactagatga	300

&lt;210&gt; 839

&lt;211&gt; 270

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(270)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 839

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ggataggcaa	atgccataaa	gcacatttcc	agttcctgtg	aaactcctct	ctccgcaaaa	240
agtggagAAC	aatttgagga	ctgaaataag				270

&lt;210&gt; 840

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 840

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tgggtgtctt	ctcctgacga	cttggtatgt	ctcatggata	ctcttcaaaa	tctatgccac	120
agaggctcat	gtgtttcctg	ttcaaccacc	atttgcagaa	gggtcagatg	agtgccttcc	180
aaaagtgtta	aatagcaatc	ctccccccat	cataaagtat	ttagccttgc	aggacctgat	240
gttgctttct	caatattctc	cttcacgaag	acaagaagtt	ttcagcctca	gccaaccagg	300

&lt;210&gt; 841

&lt;211&gt; 277

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(277)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 841

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&lt;210&gt; 842

&lt;211&gt; 300

&lt;212&gt; DNA

<213> Homo sapiens

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<221> misc\_feature

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<223> n = A,T,C or G

<400> 842

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ccaggaactg	tcctggcaga	taagacagac	tgtgcaaggt	catcgtcac	ggcatgggaa	180
gggcattaat	taccaaagt	gagacacagg	cactgtctcc	aanagcattn	cnaatccttc	240
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<210> 843

<211> 300

<212> DNA

<213> Homo sapiens

<400> 843

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tttgttgttt	ctttcagtga	tgttgcttat	ttccccaatg	acactgttgg	gagcttctta	180
agaacaggct	gtctagggac	aaggatgtga	agtgggtaca	gggaaaagta	ggccgtttag	240
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<210> 844

<211> 300

<212> DNA

<213> Homo sapiens

<400> 844

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ttcttcccat	gggcagcctt	atatatgatt	gaagaacatt	agtgc aaaga	ttcctcatcc	180
agaaataaac	tcttgtactt	ctatacta	taaagattca	tgtaaattac	taagttcttg	240
gaaaactatg	gagaactctg	tgggggctgt	cattcacact	ttagtatgaa	ttggtttaat	300

<210> 845

<211> 291

<212> DNA

<213> Homo sapiens

<400> 845

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cttatacaca	tgtactcttc	ccatctccag	gtcccagatg	tcgaggcctg	tccactctcc	120
ttttccctta	ggcagggatg	gaggggcgtg	tcagtcctgt	ataatttgga	gtgactggag	180
gggtgggggt	attgatgcat	ggtattccag	taaacttctc	tgcttgtgtc	ctaaaaaaaa	240
aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	a	291

<210> 846

<211> 300

<212> DNA

<213> Homo sapiens

<400> 846



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cagccgagta	actgccaaag	gtcccctgct	tggcactctg	ctgtcccact	tgttcctgc	180
cctctctgga	ttctaacact	tgtgccattg	tgcacccgtc	tcagggtcatg	gtgctgttac	240
ttggtgagaa	agcattatth	aaatacccca	gatgaggagt	taggcactth	ctccagthth	300

&lt;210&gt; 847

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 847

cacctaacat	taggtggcac	ttaatagtga	tgataatcac	ttatggagtc	tactaagatg	60
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cttactgatg	agtacggggg	cttggcaaag	taggtatgth	gttcatatta	cacagctagt	180
aagtggaa	gtcaatatca	tatactccca	gattcagaac	tttaaataac	cccatgctac	240
cttctagga	aagcttctgc	tatgtgtthg	gagggttagg	tgagagaaag	gtgaatthta	300

&lt;210&gt; 848

&lt;211&gt; 181

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(181)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 848

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cannatggnc	anaatanthn	nccttatctt	tnntgnctng	aanntnnntc	tgngtntctn	180
t						181

&lt;210&gt; 849

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 849

ctccctggta	ccttgactac	caggaagtca	ggtgctagag	cagctggaga	agtgcaggca	60
gcctgtgctt	ccacagatgg	gggtgctgct	gcaacaaggc	tttcaatgtg	cccatcttag	120
gtgggagaag	ctagatcctg	tgacagagcc	tggtaaagtc	tgaggagggt	ccattgctct	180
tctgtgctgt	gtcctttgct	tctcaacggg	ggctcgctct	acagtctaga	gcacatgcag	240
ctaacttgtg	cctctgctta	tgcatgaggg	ttaaattaac	aaccataacc	ttcatttgaa	300

&lt;210&gt; 850

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 850

cagagatgag	tcagaacagt	ctcctcaatc	ctgaaattca	acaaggcatc	agaagggctg	60
gctgtgggtca	agcccagctg	ctgtcatgtg	aggagatgct	cactgtgggtc	ttgttgagct	120
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tgccgtacgt	gccattccac	tctcttcagc	tctccctca	acagcatgcg	agcccatacc	240

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<210> 851

<211> 300

<212> DNA

<213> Homo sapiens

<400> 851

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agcctctcga	ggtaggggct	tggcaccccg	ttgtccagct	gtgtgtggcc	tttctgaatg	180
acgtggttct	tgggcatctg	agccagtcgc	cagccatgtg	ccctgcccc	caggccctgg	240
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<210> 852

<211> 300

<212> DNA

<213> Homo sapiens

<400> 852

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tgacaacagt	acctacctca	tggggttaag	gctcaggcca	gttaacaccc	taaggagcga	180
tgccttggat	gtcgtaaatg	ctagaaaagc	atgagttggt	atgaataggt	cctggtgccc	240
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<210> 853

<211> 300

<212> DNA

<213> Homo sapiens

<400> 853

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tcttgcacga	gaagcggcct	tggcaaaaca	agccaagatt	gactttgaag	aacaattcct	240
taaagaaaag	agatttcatg	atcagattgc	tgtggaaaga	gctcaagctc	gttatgaaaa	300

<210> 854

<211> 300

<212> DNA

<213> Homo sapiens

<400> 854

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aatgcatatt	tgggcattag	aaggtctgtc	gcacttagta	gcagcatcat	ttacagagga	120
tagatttggg	gttgtccaga	cgacactacc	agctatcctt	aatactttgt	tgacactgca	180
agaggcagtc	gacaagtact	ttaagcttcc	tcattgcttc	agtaaaccac	cccggatttc	240
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<210> 855

<211> 300

<212> DNA

<213> Homo sapiens

<400> 855

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gcttcttcac	ccagacacca	aggtatgaga	tggccctgcc	aagtgtcggc	ctctcctggt	180
aaacaaaaac	attctaaagc	cattgttctt	gcttcatgga	caagaggcag	ccggagagag	240
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&lt;210&gt; 856

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 856

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&lt;210&gt; 857

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 857

ggagggcagg	agagtgacca	agcagctaga	agagaggggtg	cagcacccca	aggagaggac	60
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&lt;210&gt; 858

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 858

ggagtgggga	gagggcccac	acatattgga	aatgcagtg	ctgtctcttc	ccctgaactt	60
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aaggggagct	gaaggctcca	cagcaggggg	ctgtggactc	aggctgaagg	acctctgagt	300

&lt;210&gt; 859

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 859

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agagcagctg	tgggcttttc	attctgaggt	cttggccccc	ctggccaccg	caagggactc	300

&lt;210&gt; 860

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 860

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cacgggcatt	gtagctttgt	acatagcctc	aggcctcact	ggcttcatag	gtcttgaggt	180
tgtagccag	ttgttcaact	gtatgggttg	actactgtta	atagcactcc	tcacctgggg	240
ctacatcagg	tattctggtc	aatatcgtga	gctgggcgga	gctattgatt	ttggtgccgc	300

&lt;210&gt; 861

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 861

ctcggacctt	atcagcagca	tcacgcagga	ctaccacctg	gatgagcagg	atgctgaggg	60
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&lt;210&gt; 862

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 862

ataacctcgg	ctgtttacag	tgaggcccg	agcgtcttgg	ctgccgccct	gctccacgca	60
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&lt;210&gt; 863

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 863

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&lt;210&gt; 864

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 864

ataacgccc	tggtgcccc	tccctatagg	agctgggtgag	attgcagcct	gctgcctccc	60
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<210> 865  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 865  
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<210> 866  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 866  
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gcgagctgta tggctgctgg atgaccttcc tcccagagtg gctcaccaga agccccaacc 180  
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<210> 867  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 867  
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gcaggaaaga gtcacagaa gtgtacttct tggccacaca gtaccacgga aggaagggca 240  
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<210> 868  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 868  
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cggccggcgc tgcctccctc tctctatgga cgtccgagcg ccccagctg tcatggccgc 180  
cgtggaccag gctctgaagg agtttggcag aatcgacatt ctcatctaact gtgcggccgg 240  
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<212> DNA  
<213> Homo sapiens

<400> 869

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caccattggg aacaacactt gctgtgcagg ctgttccaac agcacactct attgtacaag      180
ccacaaggac ttctttaccc acagagggcc catcaggact ctatagtcca tcaactaatc      240
gaggctctat acagatgaaa attccaattt ctgcatttag tacttcgtct gctgcagaac      300

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&lt;210&gt; 870

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 870

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ctgccccatt tgcaagcagc ctgttcatcg gggctcctggg gacgaagacc aagaggaaga      180
aactcaaggg caagaggagg gtgatgaagg ggagccaagg gaccacctg cctcagaaag      240
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&lt;210&gt; 871

&lt;211&gt; 292

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(292)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 871

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tncagtnccg anactggag gagggcncca gcccttctac cctgnagagt ttntccnagc      180
ancttnnctg tggccgactt gaggnntcct tntgncnngn ttangattgc tnccatnttn      240
gggagnatgn cttttnttag ctttttnngg tnccttntna tttnnncttt tt              292

```

&lt;210&gt; 872

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 872

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gtcattccca tacaatgcaa catccggaat gaggaggagg agaataattt ggtcaaattct      60
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tcccctgctg aacacatcag ttctaagggg tggcacgctg agcttgagac caacctgacg      180
ggtaccttct acatgtgcaa agcagtttac agctcctgga tgaaagagca tggaggatct      240
atcgtcaata tcattgtccc tactaaagct ggatttccat tagctgtgca ttctggagct      300

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&lt;210&gt; 873

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 873

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cccaagtcag tgtgtgggtg ccggaacctt aggcaaacag caaactgtca tggccattgc      60
tacaaagatt gccctacaga tgaactgcaa gatgggagga gagctctgga ggggtggacat      120
ccccctgaag ctcgtgatga tcgttggcat cgattgttac catgacatga cagctgggag      180

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gaggtcaatc gcaggatttg ttgccagcat caatgaaggg atgacccgct ggttctcacg 240  
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<212> DNA  
<213> Homo sapiens

<400> 874  
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gtgcctgtaa ccaggtcgtc aagccacagg ttttccagtc gcaactgcggg agaaagcaag 180  
acaacaggag aaatgaaggc atctccagga gtggaccaga gacagacca gcatagaga 240  
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<210> 875  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 875  
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ggtaactac ctcaagtagc gaggattgaa ctataccctg tctgtactgt acatagaaaa 180  
tctttgtaga taaaagcaag gcttggttaa tatgatatga gggtaagatt ttaatatacc 240  
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<210> 876  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 876  
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agtaaaagaa gatttttaaaa ctacaagtag agtgtaagaa gtatcacgag aaacatcaac 180  
aaagggtgta ggatagaagg tgataagtct caagtatctc aagatattca gcagtgaatc 240  
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<210> 877  
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<212> DNA  
<213> Homo sapiens

<400> 877  
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agcatacacc aatgggtcca tgtaaaggct ccagaatcag aactggcgct acaccttggg 240  
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<210> 878  
<211> 300  
<212> DNA  
<213> Homo sapiens

&lt;400&gt; 878

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tgtttgtaac	acttccaaaa	aaatagtact	gtatcagtc	agtgtccact	ttcctccaaa	240
ccttcgtgcc	cacgcacaca	cacataaata	catgcaggat	tcctgagcag	ggaaggatcc	300

&lt;210&gt; 879

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 879

cctagtggc	catcagactt	tcagcaactt	ttatcatcca	gatagtcacc	aatgaaata	60
aaatgaaaa	atcccttgag	caatgaaaca	attgtgaatg	aacacaaagt	ccatgaattt	120
aatccttatc	cgtttgctga	gccaagcatg	tgcactctga	gtgggtggcc	caggctggca	180
gcacagatac	caccatttcc	cttttctttg	ctcagggcat	ggcctgttta	tctcgttgca	240
ccagatgagg	gttggaagg	atgatggtgg	tggttgtttc	agatctactg	acagcaatga	300

&lt;210&gt; 880

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 880

ctgacacaaa	attcaggtac	tcatgattat	aacctgatta	cagttctaca	gcaggttaat	60
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atgcagagaa	gaacctcaca	tatcatgcat	catcagagga	ctagagtga	ctcaggaaat	240
atttgtctct	gtcacatttt	cttcaccgga	gctagagact	ttttactag	aaaaactg	300

&lt;210&gt; 881

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 881

aatgctgaat	acctaatagt	ttttccaaaa	ttgggtccag	tggtttacgt	cttggatctt	60
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attcctgtca	tgctgatatt	aggcaagatg	attcgctggg	aggactatgt	gcttagactg	300

&lt;210&gt; 882

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 882

tctagactct	gtcctcagaa	gaggtcctgg	gggcttccta	tattgagagg	aagatcatte	60
gcacaactct	gccaggaaac	tgccagatag	gagtcaggga	tcaggcctag	aacgcagact	120
gcagaaaagg	gcagatgtaa	aagcagaaat	ttaaaacttg	cttttccttg	tcctcagact	180
cttgaggggt	gccattg	taagaagcag	ggagccaaga	acattcatac	tggcctcctg	240
cttagcctta	actgaaatag	gccccacgt	aggatgtggg	cctatgtgaa	cttggctgtt	300

&lt;210&gt; 883



<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 883  
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 tcctacctgc tggccctgtg gctgtccctg gtggccagcc cagctgcagc aaaacctaca 180  
 aagcctccag ccatggtagg cgtcttgagc ctgccccagt cagctggggc ttgggctgct 240  
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<210> 884  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 884  
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 ggcagccctt tctcaaagtg tgaggggtcc ccttgtgtac aagcaggaag gctctgagaa 180  
 agtcagggtt gctcctacca caggataatt ccgatgaacc tgaaaagcgg gttttggctt 240  
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<210> 885  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 885  
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 ccgttttggg gagaaatgcc agaaacagct tcagtttcca cctactgctt catatattata 180  
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<210> 886  
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 <212> DNA  
 <213> Homo sapiens

<400> 886  
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 agttgtccac ctgcctcgga aactgcaggt acaaatgcag cagcaaagta ttacattct 180  
 tacttcaggg ctgatctcct atttctatca gtccttttga aggcagagaa tgtaatttg 240  
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<210> 887  
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 <212> DNA  
 <213> Homo sapiens

<400> 887  
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 attagccatg gatagaaatt gaaggtagt ggggtgaaagt tttcagtcct accagtaaaa 120  
 acaagtgaga atgcactgac gtccagggaa aaaaaaacag atgggggtcag ctttcattgt 180

ttccccattt tacaaaacca aagcca

206

<210> 888  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 888

ttttgaacta tcaactagat ctgggaagat agaacaggca gcatcagatt gccttggtta	60
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gatgagtaga ttgtaaaagg gttgggattc tggcagaaca agaagagata actaattagt	180
ggaattaact gagaaaagag ttcattagca tgttggtat tagactctaa taaaaatggg	240
tgtgaaaaga tgggatttgg acctagaggc agtcttagag ccataatcct ttttttctcc	300

<210> 889  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 889

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gtccttctta cagtttgttc cctcctgaca gtccattgat tacaatgtga aagcaccaac	180
ctgagctaaa atgaaatgag aagcctgatg tttcaggcac caagtacttt aaaaatgtct	240
actggctgtc ctgcagcatt ttacttaatc attttttaga ggagggatga ggactgggtg	300

<210> 890  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 890

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caccacttt gctgtcactt cccagctgaa gtgaggaggg actgttcaga aacatcgaac	180
tgagcaaggc ctctgtctac ctcatggaaa acctgatctg gaaatgacac ttggaataaa	240
ataagattac tcttccatta aaaggaaatc caccctaaaag agagaaatag tggatatatt	300

<210> 891  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 891

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ttgccttgag gagaaaagat gacgctaaac acagcacaca tgtgtttatt atatgttggt	180
aatgtggaat tcaaagatga aagagacgtg agctgcatca ctaaaaaaga aacatattac	240
ataaatgcaa tgctgatatc atagataata aaattaacac taattttttg atattatcaa	300

<210> 892  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 892

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ttaatttgta	cttgagttca	gtgcattgct	gttctgggca	taggaaatcc	aggttgctgg	180
tgatgaacag	ctgaaaagag	ctgtgtcacc	atggttgtct	ctgtcagtca	tgtgaccacc	240
cttacccttg	taaaatcaag	caagggagag	attattttct	aatgtaaattg	aaaataaaaa	300

&lt;210&gt; 893

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 893

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&lt;210&gt; 894

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 894

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aaagattgct	caggcatggc	ctaatagctt	ttatcagttc	actcagtggc	tcttacactt	120
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tccctctgtc	aaagtgaat	ggaacctaa	aatggaagct	agtggctatt	ttgccatacc	300

&lt;210&gt; 895

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 895

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&lt;210&gt; 896

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 896

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&lt;210&gt; 897

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 897

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ccacacatcc	ttctgcaaag	ggtacctctt	ggttatcagt	gctcactgat	ccctatataa	300

&lt;210&gt; 898

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 898

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ctgttcgtta	tagacgacca	gaggaaacaa	atgcccagaca	cggattcgac	tcagtcataa	240
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&lt;210&gt; 899

&lt;211&gt; 297

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(297)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 899

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aagatttaaat	ggttccattg	tattatttga	ccatgacatt	ttggagaaac	attcccagct	240
gtaatgttgt	gtatggtagt	tctcactgga	tgctagagtt	ttcaaaaacca	ctattct	297

&lt;210&gt; 900

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 900

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cattttataa	catttttagt	gcttggtgtt	tgcttggtgt	attacattag	ataaaaaatgt	240
atcacagtgt	tgggtttatac	tggatgttta	aataggattc	attgaaaggg	gtgtgttttc	300

&lt;210&gt; 901

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 901

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gaagccagac	ttccaaggta	cgttctcact	ggagagggag	cttaatggta	aagtttaaac	180
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aatcagaga	taagaggagc	tgttgtcatc	gcaggtatag	taataattaa	gatatgttaa	300

&lt;210&gt; 902

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 902

attatgaaca	gatatggagg	ccagagctca	tttgggtaaa	cttactcctg	ctgagtttagc	60
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gcataacctt	gtgcacagag	aactagaaaa	ggggcagAAC	cccggccttg	cagttgtggc	180
aggtttccac	tgtggtaagc	taggttcatt	cctcatcaag	gaatgtgtag	cagattgttc	240
actgtggagg	agttaattat	agaatgggtt	attgttgnta	ttcttactca	tgaagttaca	300

&lt;210&gt; 903

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 903

caaagcttga	tctattaata	tattgatcag	agttccatga	tccttttcta	aaatgggtggc	60
tttatTTTgc	cagaataatt	ctgcaggggtg	ttttttttgg	gacggagtct	cactctgttg	120
cccaggatag	aatgcagagt	ggcacaatct	tggctcactg	cagctcttgc	ctcccagttt	180
caggagaatt	gtgtgaacct	ggaaggcgga	ggttgcagtg	agccgagatc	aatcaccact	240
gcactccagc	ctgagcaaca	gggcaagact	ccatctcaaa	aaaatttttt	tttggattta	300

&lt;210&gt; 904

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 904

tttctctttc	ctttctgcac	aatttagttc	taaagccacc	aggcagggca	gaggaaggta	60
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caagggtaat	ccatatgggg	tagcctgggtg	tagagagtca	gggccccagc	aacattaagg	180
acatccctgc	aggatggcag	ccaggcttgg	gggtacaaga	ccctaaacag	gatgatgaga	240
gcctcccca	ggagaggtcc	caggtataga	gtgtcagagc	ctgagcagat	gaggaaggca	300

&lt;210&gt; 905

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 905

tttgaactcc	cttagcaagc	tacttgtctt	tttgcaggat	cccatcggtat	tgctgtctcc	60
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ctttgttctt	gcttcttggt	tttgagatcc	tgcacacaag	ttgaaattaa	ttaaaaacag	240
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<210> 906  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 906						
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agttgtaaaa	gtagtagagt	tcttgataac	tctgcacca	ccttgccctt	atgttaacat	180
cttacgtaac	aatagaacat	ttgtcaaaat	taagaaatta	accttgatat	aataactaact	240
aaagtagaaa	gtttaaaaag	tagagatttt	agtcttttca	ctaattgtct	tttactgttc	300

<210> 907  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 907						
ggctattaaa	aatgtaatca	gtgtgaaaat	tcattgccatc	tgaatcgtac	gagtatgtaa	60
gggatttgag	ttccttacag	aattttctgt	aatttagtac	ttcaagtgc	ttataaatgt	120
atatacttct	ctctcacaaa	agtgttagga	gaaggaaaat	cttaaatact	agcttgattt	180
cttaatttaa	taacaaaaaa	caattctcat	aacatgtatc	acctaacatg	tcactttcac	240
tttaaaagtc	taaagagttg	aggtttattt	cttttctttt	aaagtgtgat	tttatgttgg	300

<210> 908  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 908						
tcaccatggt	gccaggcta	gtcttgaact	cctgggctcg	aatgatcctc	ccaccttggc	60
ctcccaaagt	gctgggatta	taggcgtaag	ccactgtgtc	tggcctagt	tatgattatg	120
catgagtcac	gcaatgttct	ggtcctggat	tccaggagta	gaggacctag	ctttaaatca	180
attagtttca	gctaaactga	ctagaaccag	gtcaaagtgt	aattctccct	ccagctcccc	240
caaaactaga	gttgggggga	actggaggga	gcaaaacact	gatttgatac	tagtcagttt	300

<210> 909  
 <211> 147  
 <212> DNA  
 <213> Homo sapiens

<400> 909						
gtcttctctgt	gcagggtgct	ttggtagcca	tcagagagga	accaagggca	acatcttttc	60
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cccatccct	gccttttttt	ttttttt				147

<210> 910  
 <211> 274  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1) ... (274)  
 <223> n = A,T,C or G

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 acatttatct ggcaacataa gttaatatg tggtaggagt cccaccaagt taaaattcta 180  
 aagtgtttga atatgggcat ttttaaagaa agaatctgca taccataaat tcacgctttt 240  
 aagtgtatga ntcannngna anantggatn nnca 274

<210> 911  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 911  
 aacagataga gacttggtct taaaaaaaaa ggaaaagaaa aggaaacaaa aaattatctg 60  
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 tgagccctgg aggttgaggc tgcagtgagc catgattgtg ccactgcgct ccagcctggg 180  
 tgagagagca agactctgtc ttttaataata ataataataa taataaagtg gtcaggaagg 240  
 gacccccagg gaggagcata aacctctcca gtggctgtga tttgtcagta aggacatggg 300

<210> 912  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 912  
 gcaactcctc tccaatgagc tactcctgac acaaatggag aagtgtgccc tcatggaagc 60  
 cctgggttctc attagcaacc aatttaagaa ctacgagcgt cagaaggtgt tcctagagga 120  
 gctgatggca ccagtggcca gcatctggct ttctcaagac atgcacagag tgctgtcaga 180  
 tgttgatgct ttcattgcgt atgtgggtac agatcagaag agctgtgacc caggcctgga 240  
 ggatccgtgt ggcttaaacc gtgcacgaat gagcttttgt gtatacagca ttctgggtgt 300

<210> 913  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 913  
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 ttctcagca aacggagatc gatccgaaaa gtggaaatat gagctcttct ttggtgttgg 180  
 catatggacc ctgagagaaa gaactttaat tttttctctt ggactgcaat aaagtatagc 240  
 tgccataaat acgtttcctg acacttgagg gtttgtccac aatcgggaaa taaaggcaag 300

<210> 914  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (300)  
 <223> n = A,T,C or G

&lt;400&gt; 914

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atttcattcc	tcagcaaacg	gagatcgatc	cgaaaagtgg	aaatatgagc	tcttcttttg	180
tgttggcata	tggaccctga	gagaaagnac	tttaattttt	tctcttgga	tgcaataaag	240
tatagctgcc	taaaatacgt	ttcctgacac	ttggagggtt	gtccacaatc	gggaaataaa	300

&lt;210&gt; 915

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 915

ggcaaatagc	cctaggagtc	ccattttttt	aagctgaggg	aaataatttt	caagaagctt	60
gtcttactag	tagcatcatt	cttttttact	ggctcacagc	ttggaagggg	tgatggtttt	120
tcctatgaaa	gctaacaaca	tttgagcaga	tccagtgtgc	tggtagtca	cagtgaaggt	180
gtggagtgtc	aaggaagcct	cctggtggaa	atgtaagtcc	agagaagggtc	tcagaaaaat	240
acagggtgaa	atgttatcaa	ggagccaggg	tattatttaa	gaagaggagg	gaggggaaaa	300

&lt;210&gt; 916

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 916

tcgaagagga	gaagcatgtt	ccaaaaccct	taactttggg	aatttagaac	tagctttttt	60
actatcttct	gcacagcata	acttcagtct	ccctttacta	attcaaggaa	atctcagtga	120
acaaattgta	taagggtaga	tgagctaaaa	gctcactgag	tcattaattt	gtcataactc	180
atctaaatac	aatgattagg	cttgtgtagg	tgtccctagt	ttctctttct	aaatcatgtc	240
ttagtaggga	cagagcaata	atggtggatc	gtggcaacgg	gaaggaagat	gatgtgtcag	300

&lt;210&gt; 917

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 917

tgttgctgca	ttctaagctt	aacctcctgg	tctcatggca	gtgacttgag	cttttgattc	60
atagaagaaa	gccagagggt	ctgcttggtc	ttgtctgcc	gccctcgtcg	ttctttctcc	120
tctgcctctc	acctctaccc	caaatacctc	tgttcttagt	ctcaagggga	gaataacatc	180
agggagcccc	tcattctccc	cagaaggact	tctcgttcct	catgtagtta	actccattga	240
ttttcctatc	ttggtgctga	tagctctcta	agggtagggc	acacctcccc	acagccacc	300

&lt;210&gt; 918

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 918

caggaacgca	acaaactcaa	gtcgcagctc	ctggtggtgc	aggaagagct	gcagtgtctac	60
aagagtggcc	tgattccacc	aagagaaggc	ccaggaggaa	gaagagaaaa	agatgctgtg	120
gttactagt	ccaaaaatgc	tggcaggaac	aaggaggaga	agacaatcat	aaaaaagctg	180
ttcttttttc	gatcggggaa	acagacctag	atccaaggcc	acaagtaagg	ctatggctct	240
gattctagaa	gacaaccttc	caagatgcct	ggcaaaaacca	cctccctgtg	ccacacagac	300

&lt;210&gt; 919



<211> 136  
 <212> DNA  
 <213> Homo sapiens

<400> 919  
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 tgggggaagg ggagcctgga gaaaacaaag tcactattcc ctttttttgaa acaggaaaaa 120  
 aaatattttt tgttca 136

<210> 920  
 <211> 135  
 <212> DNA  
 <213> Homo sapiens

<400> 920  
 cagactcgca ttatggacaa gtcccttctc cccacacaaa ggaagacata caccgcatag 60  
 tccatttcat ttcagctcct gatggcatct gaccgccgtg gacacttccc agtgggtctgg 120  
 cttttggagg gagag 135

<210> 921  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 921  
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 gggctgccac aataatggaa atggtaaatg aggcaagtaa ggttggaactg gtggcatagc 120  
 gtcaagggtt ccagctttat taaatcactc ttccaatatg ctagcactgg cctgttggga 180  
 aaagtaatac atcatgtaat cgaacaaaag acagaaggca gctccaggaa tgggcactgt 240  
 aaacaggact tgtcccagag tagccagatg taggcttttag gtaagttgat gcaagctgag 300

<210> 922  
 <211> 280  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (280)  
 <223> n = A,T,C or G

<400> 922  
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 ggggtgagcca ccgcgctggg cctggatcaa atctttatcc atgcacattg gaacacagga 120  
 ttactggggt gaaatcattc tagttttgtc atttagatac ttgtacgatg aatctatttt 180  
 agcacaaggg ataaataact cgnnangnca tctntanntt gtntnntttn gtgnntttgn 240  
 ntanaccacn ttcangntcn angnnaactt tncttnggat 280

<210> 923  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 923  
 ggaaagggga cagagcagag ccagttgttc cacacttttg gaagcaggag tagcttttat 60  
 catcttcttc tggggagcag gcatagagac ataaactgag tgaaaatggg tggaggaaga 120

acttctatac	ccaacgaacaa	catgtgaaga	gagagaacca	aacataaaagt	aaggaggggtg	180
agttttattg	tatgttgctt	gctgacaact	gttttggggg	cgcttcagtg	atatacattc	240
atagaaagac	tttggtttat	ggcagattag	tttaciaaaga	gtattctgca	agtgggatta	300

&lt;210&gt; 924

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 924

ctcaaaacca	aatctcaact	cagctacaga	atctactgtg	gtccttgtct	gaaaaaatta	60
gttcactcgg	ttggaatctt	gtctcagagc	atcctcatct	ctttctcaaa	agccccctacc	120
ccaacaccgg	cgtgttggtt	gtctattgaa	acttacaagt	ggatggaccc	tttctcccga	180
ataaactggc	ctttgaaagc	tctaatacga	atggtttggc	aaaatccata	ctgcaggaga	240
ttagggagga	caagaatgat	gtgccttttt	gtactgctga	gcctgatggg	ggtgccacta	300

&lt;210&gt; 925

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 925

ggaaacagct	ggactagaga	tacacatttg	ggcatatata	tatatatata	tatacagtat	60
atatatgcac	gctgatttta	tatatatata	tatatataaa	ataattatgg	aagtcagtga	120
gattgtccag	ggcaagaata	taatgtcata	tgagagggga	gtccagactc	tcaaggaacg	180
cggacattta	aggggagagt	ataataggat	gggccgtcaa	agtctaagtc	agagcatcct	240
gatgttggag	gcaaagcagg	agagtgtgga	ttaagcagct	agacattggg	tactggggga	300

&lt;210&gt; 926

&lt;211&gt; 295

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(295)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 926

atttcagcct	gggcaacata	gtgagactcc	cgctccctaaa	aaaaaaaaaat	cccacaatcc	60
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aatcaatgtc	ttgcttctct	gtgggttctt	ttgtgactca	cacctgcttc	tgggtatagt	180
atgactataa	agttgatttc	ttgggttaagg	tatgatctat	gagaggaagc	ttctaatttg	240
atgagcatca	gggnantttt	anctggtata	ccttttnttt	gccctctcca	atcaa	295

&lt;210&gt; 927

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 927

gtggtagcag	gcactagata	agaggtgaac	cagtgtggag	gcaggagggg	taggaaagga	60
gatggaggca	ttattaccaa	ggcatgatag	aagccatggg	atctgataag	tggtgagaac	120
tggaaagaga	gggacaactc	tgaaatttgc	ctctgattgc	agttaaatga	tagcatgcta	180
atgacagagg	tagcagtagg	ttgggggagag	tgtagtagta	tttctgtttt	cagtacactg	240
ggttttaagc	attgacaagc	caccaaattgc	aaatatcaag	caaagagtgg	cacatctagg	300

<210> 928  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 928  
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 ttacaaaatt ctggtgttct ttgatctggc tccccgcca gacaaccagg gagttcttca 180  
 tgttctagcc tcattgtgtg cactataggc agtaatttgg catcagccat agaggagggg 240  
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<210> 929  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 929  
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 acacattttt agtgtacagt tcaccaagct ttggcaagca tgtatagcct ggtaaccacac 180  
 aagccaatgg agacctagaa cattccccgtg accccagatg ctgggttctg tgtgccttcc 240  
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<210> 930  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 930  
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 tgaagaaagg catctgcaga gatcatggca gttccatttt gcgttctgag tttgctcctt 180  
 taggtaaggg aactagaatg cagatacagt tagaatcagt ctctctctct ctgtttgtct 240  
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<210> 931  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 931  
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 acagctttct ggatcagttt ttgcctttta gatgcatctg gactcatcaa acccagaaaag 120  
 tgtagagcaa atattcttat tcccatgtcc ttggcagaca ttgctaattc atctcagggc 180  
 tccaacagag ttgggtctca gccttaccag cctggcagcc actagacttg atccctgaga 240  
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<210> 932  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 932  
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acttccttta	aaaatcctgg	aatatacact	gcagtaaaag	aacaaagcat	acttcagtcg	180
tttaaggctg	aggatatgctt	tggtctttta	ctgcagtgta	tattccagcc	ttaaacgact	240
gaagaagaat	gtcaagtggg	gaagtggctt	tggttttcag	tttgtgggtt	ctgaatccac	300

&lt;210&gt; 933

&lt;211&gt; 264

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(264)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 933

ctgaagcagt	gcaagtacta	ccatgggtctg	agctccctgc	cctgaagagg	tcgggtgcaga	60
ctcggggggc	agtctgcac	ccacctctac	ccctcgccga	cagccagacc	acaacaccag	120
attgtacca	gatagctggg	attggaagtg	aggaggtttc	tcacccaca	gataacccaa	180
gacacaaatg	tgcaattaaa	agtttatatt	agaccacaaa	aaaaaaaaaa	aaaaaanntg	240
ngccnttnaa	antntgggg	ggnc				264

&lt;210&gt; 934

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 934

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&lt;210&gt; 935

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 935

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ataaagtggg	cttcttcac	ctcctggaca	acgtggctgc	cgagcaggca	cacaacctcc	180
caagctgccc	catgctgaag	agatttgac	ggatgatcga	acagagagct	gtggacacat	240
ccttgtacat	actgcccaag	gaagacaggg	aaagtcttca	gatggcaagt	aggcccatte	300

&lt;210&gt; 936

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 936

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gctgcccatt	cttctgttgc	tgggcacctc	tctacatcca	ccaccgttag	tagcagcggg	180
gcacagaaca	gcgacagtac	aaagaagact	cttgtcacac	taattgccaa	caacaatgct	240
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 cttccatgaa ggactgagga gggagagtgg ggggtccagg ctggtgctgc tcttccctca 180  
 gctctgccgg ggctctaagg tccctctatt tatttctcaa ccctggctgg cctctcacca 240  
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 <212> DNA  
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 cagcagggag gttgtagaca atgtccagac atcagagaga gggctgggct ctgatcctgt 180  
 gccaccctga aaggctttga tcctatggtt tggtcagaaa cagagcctgt aaaacccatg 240  
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<210> 939  
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 <212> DNA  
 <213> Homo sapiens

<400> 939  
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 tttagttcaa aaagaaggaa cacagatgac tactctgctg gcgacacggc cactctgctg 180  
 gcacgcacat agcatggcgc ctctttttt gggggactct ccttgggtggc atctctggca 240  
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<210> 940  
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 <212> DNA  
 <213> Homo sapiens

<400> 940  
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 gcgctgctgt cccgcgtgcg gaacaagccc tatgacgtgt ttggctgttg gctcaccgag 180  
 accagcctca tctcggggaa cctgcaccgc atcgagata tcacctctg ctcggtgctg 240  
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<210> 941  
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 <212> DNA  
 <213> Homo sapiens

<400> 941  
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caacactgac	aggtcatttt	gcttcagtgt	caagcatttt	tttcctctcc	ttttgttgtg	240
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 <212> DNA  
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<400> 942						
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gcagtggctt	tgataagcga	tgcttggggg	tcagaccacc	ccctagagga	gccacgtgcc	180
gcccagccac	cttcaatgcc	tgccaccctg	cccaggatg	tacagagccg	tgcccacaca	240
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 <212> DNA  
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<400> 943						
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cctcccacac	ttggagggtt	ctactagtgt	gcctgcgtgg	ctgggttctg	cacactcagc	240
tacttttagt	tcttttagtct	atccttaaaa	agattcctag	gtgtgttcct	gatttttgagg	300

<210> 944  
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 <212> DNA  
 <213> Homo sapiens

<400> 944						
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tggaggagac	gttccagtgt	atctgctgtc	aggagctggt	gttccggccc	atcacgaccg	180
tgtgccagca	caacgtgtgc	aaggactgcc	tggacagatc	cttccgggca	caggtgttca	240
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<400> 945						
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<210> 946  
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 <212> DNA  
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&lt;400&gt; 946

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cagtgtgtcc	aaatcagtgc	ctggttcagg	gcctgtgtgt	atgggacatc	tcctaggcac	240
cacttcacac	cctctcagcc	ctacettcca	ctccagccac	cacctcagca	accagttctg	300

&lt;210&gt; 947

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 947

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&lt;210&gt; 948

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 948

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&lt;210&gt; 949

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 949

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gtttattttg	tctaccacag	gtgctcaata	aatatttttg	actattttatt	acatgagaag	180
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cctttgttgc	cctcaaacta	atcaaagggg	agtgatattc	accatccaga	atctagaata	300

&lt;210&gt; 950

&lt;211&gt; 293

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 950

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ggactcagag	aaagcaaggg	tcagggtgac	cagaaataga	gaaaaaaaaa	ccttacagag	180
gaagaggacc	tggacctgag	ccacagagga	tgggtagaac	ttagaaggag	ggaatgagcc	240
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 <213> Homo sapiens

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 cccgggaaca ttttgtatct accgatattg atggccaagt gtatcatctc actggtgaag 180  
 gaaactcagt aaaagacagt gctcggattc caccagatgg aagtatgggt agtattacct 240  
 gcacgcgttg gaaaggtgat acattagtgc ttggagatat ggatggaaat ttaaatttct 300

<210> 952  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 952  
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 ccttctccac cccaatttcc aacatcccct cctttgtaga gagagcactc tggaagccac 180  
 tgagcccat agccctaggg cctagaccac tattccaaaa gggaagactt ttccattact 240  
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 <213> Homo sapiens

<400> 953  
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 agcttgatga catggaattc agggaaaaga ctatgatggg gtcacttgta actgcttttg 180  
 tgctgtaaaa ttgtcatgga ttaagaagag agttggctgg gtgcgggtggc tcacacctgt 240  
 aatcctagca ctttggggagg ccaaagtaag gactgcttga gcccaggagt tccagaccaa 300

<210> 954  
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 <213> Homo sapiens

<400> 954  
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 agtccccctc cactttgctt cttgtatgca ttgtgaccga cccacttcc tcagaatgta 180  
 acggggccag agggaaactt ctcacaaact tcgtagagcc tcctcagggg aagctaggaa 240  
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tcattcgggtg ctttgtttca ttaaataata gggaaatata catttaaaac aggtatatca 240  
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<212> DNA  
<213> Homo sapiens

<400> 956  
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cgctgagccc aggtgaggat cccgagctgg gcctcgaaat gacagcaggg tttgggcttg 180  
ggggactgag gcttacagcc ctgcaggccc agccgggcag cattgtcccc actcttgctt 240  
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<210> 957  
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<212> DNA  
<213> Homo sapiens

<400> 957  
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taccctctga agttttgcat gtgttacacc atattactat agtaatagat aattgatata 240  
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<210> 958  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 958  
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gtgccagact ggcaacttgg ggattgtgtg agtgagggag agattgtgca gagctaattc 180  
taacattgct gatgagtgga cagaaaccat aggcctcatg aatagtatt tctgaagtca 240  
aagccagta tgcttaaata tcaacccaag tggtttggga gaggggagca cagcttactg 300

<210> 959  
<211> 273  
<212> DNA  
<213> Homo sapiens

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ttttgtttc cactgggaat aaagntggat tgcg 273

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 <212> DNA  
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 <212> DNA  
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 aaccaggctc ctgaggacca ccacgtggct gcaacacagc aggagtccac agtccagagg 180  
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 <212> DNA  
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<400> 962  
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 cctctgcccc agaagtcctc ttagtgtctg tagacaggtc ccatttccac caggtcaacc 240  
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 <213> Homo sapiens

<400> 963  
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 gagagggtgct gtttttagtcc cttttgcctg ctgtgacaaa atgacacaga ctgggtagct 180  
 tataaacaac agaaatttat ttcccacact tctggaggct ggaaagtcca agatcagggt 240  
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<210> 964  
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 <213> Homo sapiens

<400> 964  
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 ttttggtttt gatcaaagat tacaggtgtg agccaccgca actggcccac tgtgttacga 180

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tttgaataaa aaaggaacct gtcaagtacc cagagaatat cagaactgct gtccgatctc 240
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<210> 965
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<212> DNA
<213> Homo sapiens

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tcagtatctc aagttctgtg tagattcatc taaacactgc tgttatccat gctatacttt 180
accatgttat cccaaaaggg aatcatcagc aaattttacc agaaactgct gaattcaaga 240
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<210> 966
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<212> DNA
<213> Homo sapiens

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gcagagagac agcacagagg ctgttggaat aaattcactg ggctcatctc acatgtatgt 180
cttctagtct acatgtcttc tatttccttc tgtctctctc tcatccccac cattaatctg 240
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<210> 967
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<212> DNA
<213> Homo sapiens

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cctgagccca gagagcttgg gtcactgtca cctgagtga gctgggctgc ctccaggcagc 240
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<210> 968
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 968
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agcagaaagt catcatcttg gaagaaggta gccttcttta cacagaaagc gatcctttgg 180
aaactcagaa ccagtcatcc gaagactcag agacagagct gttatcaaat ctaggagagt 240
cagctgctct agcagatgat caggccatcg aagaagactg ctgggttagat catccttact 300

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<210> 969
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<212> DNA
<213> Homo sapiens

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&lt;400&gt; 969

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gaacaggcac	gtgcatttgt	ggcacactca	gagctgctgg	ccactagtgt	gctttggaga	180
atcagttgtc	tcccaggcgg	ggaagggtccc	tcagacataa	aatactcacc	catttagagg	240
aatgacaaca	gcaaaggaaa	ctatatctctg	ctaatttact	ggtaagagag	gaaaaactct	300

&lt;210&gt; 970

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 970

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gccgggccct	cattcagcag	atgtccccct	ctgcctttgg	tctgaatgac	tgggatgatg	180
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&lt;210&gt; 971

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 971

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&lt;210&gt; 972

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 972

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&lt;210&gt; 973

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 973

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<400> 977  
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 <213> Homo sapiens

&lt;400&gt; 978

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&lt;210&gt; 979

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 979

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&lt;210&gt; 980

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 980

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&lt;210&gt; 981

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 981

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&lt;210&gt; 982

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 982

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&lt;210&gt; 983

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 ctggaactag aggccagagg gaaactatta aactcacgtg ctggcgtgag gaggggatgg 180  
 agccaggagc tcagactctc cctcatctca cgggcatttt gtaatactga catttccaga 240  
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 <213> Homo sapiens

<400> 984  
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 ggggaggtgt gggagg 136

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 gaaaaagaat attttggaat tgtagtgta aggatttttag ttcattgagtg gcctatgaca 180  
 tctggttcca gtttgcaact aattgtcatt caagaagagg tagtagagat tgatggaaaa 240  
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 gctcttatca ccagctcttg agcgtgctgc atcctctcat ttgtcgttgg tctcccctag 240  
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 <212> DNA  
 <213> Homo sapiens

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 ccagggttcag tgccttctcc tctcctcct ccaccacttc ctcctcagtt ttcactctctc 180  
 cagccaccgt gtttctctcc cgtacaacca ggatctaata atatttgtga ctcagataat 240  
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 <213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

<400> 990  
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 acccctgag gcttctccag aggggtgtngg gacccanatg gacctgggtg aggaagggcc 240  
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<210> 992  
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 <212> DNA



&lt;213&gt; Homo sapiens

&lt;400&gt; 992

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gcacttgaga	attagggttag	ggttgatttg	gaccctatgg	tttggtaaat	catgtccctt	240
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&lt;210&gt; 993

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 993

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&lt;210&gt; 994

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 994

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&lt;210&gt; 995

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 995

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&lt;210&gt; 996

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 996

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<400> 1000  
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<210> 1001  
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 <212> DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1001

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&lt;210&gt; 1002

&lt;211&gt; 206

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1002

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gaatcttgca	cgatccttca	atcataagaa	atcacatgtt	agtgcagaag	gtccagcgtg	120
aaatcctcta	agtggccaaa	tctaggagtt	cttctctggc	ttggttggtt	aaagcagtga	180
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&lt;210&gt; 1003

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1003

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&lt;210&gt; 1004

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1004

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&lt;210&gt; 1005

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1005

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<210> 1007  
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 <212> DNA  
 <213> Homo sapiens

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 cactgcaggt gccagcgggc tctcagtagg tatgacctgg atgtgagtg tgagccagga 240  
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 <213> Homo sapiens

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 gctgactcaa ggcattctca ccaaagtcac ccaggagatt gcccggtgtg agaattccta 240  
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 <212> DNA  
 <213> Homo sapiens

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caccaacagt	aacagtagcc	ttataacaag	tcaggatgct	gtggaaaggg	ctcagcagat	180
gaagaaagac	ctgcttgata	agctagaaaa	attagctgaa	gaccttcccc	ctaataccct	240
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 <212> DNA  
 <213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

<400> 1013						
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aatggcagct	gcaagcactg	atttgcaatt	atgccacttt	cactgggaac	tctgagtact	240
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 <212> DNA  
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<400> 1014						
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ggagcacaag	ggcattagct	tgagggacag	ccagaataaa	tggaaacttc	attatccatg	180
gattatgcac	ttggaactta	ggtcctaggc	aactctgata	ttagtaattt	ggccagcagg	240
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<210> 1015  
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<212> DNA  
<213> Homo sapiens

<400> 1015  
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cagagagcaa gactcttgct ttacagaaac acatattctt gtggaatgag aggggctatc 180  
atcaagtaag caaatcattc catggagtgt gttagtctat ttcccattg ctttaaagaa 240  
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<212> DNA  
<213> Homo sapiens

<400> 1016  
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gaagagccta gcggggaatg tcatgaatcg acctccatcc tgagctctcc aggcctggga 180  
caatggaaag tggatagggg gctgtcttcc cagaaggaag ctgggtcaga gggttggtgcc 240  
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<210> 1017  
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<212> DNA  
<213> Homo sapiens

<400> 1017  
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tcaactcagt tggatttctg ggatgagaat tagaggagtc ccattgaaaa actggaatga 180  
gagatgagaa gtttgcgtga aacagaacat ttttttgtgt gtggattgat ttgcctcgta 240  
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<210> 1018  
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<212> DNA  
<213> Homo sapiens

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gacagaaagc caaatatcga aatctctggc cttgatttag tgacagttta ttctaattggg 240  
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<210> 1019  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1019  
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 <212> DNA  
 <213> Homo sapiens

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tacacctaca	acattacacc	gttcccagcc	acagttaaag	ccacctcagt	ttctggacga	180
catagtaagg	ccagagacag	tgatgaagag	aatgacctag	acgatgagga	tgctgtcgtt	240
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 <212> DNA  
 <213> Homo sapiens

<400> 1021						
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catccaaaat	ggagtaatga	cacctacttt	cgtgttttaa	gatttaaagc	cagtaacata	180
tgtaaagtgc	agagtctgat	gttcgagtc	acaacgatgt	aaataatgca	aaaccagtgg	240
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 <212> DNA  
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<400> 1022						
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agaattgtta	ccatgtgatc	aaggcatcat	aattaatgca	aacctagtt	tctagttggg	180
aaagagatta	agatggagac	tttgtagtaa	aagatggaca	tatattttat	tcacatagct	240
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 <212> DNA  
 <213> Homo sapiens

<400> 1023						
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gcagtgtctc	agctattcgt	aaacttatgc	ggaaagcaga	actcatgggg	atcagtacag	180
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<210> 1024  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

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&lt;210&gt; 1025

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1025

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aaatattaca	tggaaaattc	cagaaataaa	caattcataa	gttttaagtt	gcatgccgtt	240
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&lt;210&gt; 1026

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1026

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&lt;210&gt; 1027

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1027

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gagattttaa	aatgtattgc	tcaaacattt	atatggtgtt	tactatgtgc	cctgcactac	120
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&lt;210&gt; 1028

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1028

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aattagttaa	gtggaaatga	ttatcatata	tattttctct	cttccctttg	aatgtacaca	240
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&lt;210&gt; 1029



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 <212> DNA  
 <213> Homo sapiens

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 gaatttcctg agtcgttggt attttccact gaaggtcttt ccactgtaca gcatttcagg 240  
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<210> 1030  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

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 agagcagctg aggtattgat ggaagtgtgt ttttaatgta cttcattcca atttgaatta 180  
 ctttatactt tccaagttat tcatgaaact ctgttatctg taactcttga ttaatatccc 240  
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<210> 1031  
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 <212> DNA  
 <213> Homo sapiens

<400> 1031  
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<210> 1032  
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 <213> Homo sapiens

<400> 1032  
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 <213> Homo sapiens

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 gtcactccat gttctctgtt acagtaagga ccagccaagc ttcagctgtc ccattcctcc 180

ccctacaaca cacacacctt tcaggcaggg aggagatgag cttccagccc caagagtgga 240  
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<212> DNA  
<213> Homo sapiens

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<213> Homo sapiens

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<210> 1036  
<211> 300  
<212> DNA  
<213> Homo sapiens

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<212> DNA  
<213> Homo sapiens

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gaaacaaggg gttgagacaa aacactctga gaaggttttc tggaacaaa agacctccaa 240  
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<212> DNA  
<213> Homo sapiens

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&lt;210&gt; 1039

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1039

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&lt;210&gt; 1040

&lt;211&gt; 134

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1040

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gggctgttta	ggac					134

&lt;210&gt; 1041

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1041

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&lt;210&gt; 1042

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1042

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&lt;210&gt; 1043

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1043

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ccctgcagtt	ccatccagga	cctacaggtg	tcgccctccg	catggcgagg	cccgggaaggg	180
cagctggctg	caggaggcag	aggagtctgg	accgcctaac	ctgagcatgt	ggaaataata	240
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&lt;210&gt; 1044

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1044

cccaaagtga	aaagactgct	gtcagatagc	acttgccctc	cccatattat	tcagctactg	60
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acaggttcca	atgtgcttcc	tggtgctcga	tttttgaaat	acacacatac	caaacaggct	240
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&lt;210&gt; 1045

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1045

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ttgctaattgc	aaaagcagtg	tactgaaagt	cacttttatt	tcttatttat	aatctacatg	240
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&lt;210&gt; 1046

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1046

gactgacaga	ggtgcccaaca	tggtattctg	tttttgaaaa	gttacatgac	actattaagt	60
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atgtattttct	cagattttgc	tgaatctgta	atagccattg	aaatatttaa	gtaccttggc	240
tgttcctggc	atcaataaac	agatttttct	ttccctcctc	atgccatata	aaagttgaca	300

&lt;210&gt; 1047

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1047

cactcttttta	tattagggac	ttgagcatct	ggagagtgtg	gtatctgagg	gagttcctgg	60
aactaatgtg	cagatgccaa	gggacaactg	tactattgta	cttggaagta	ctcatggggg	120
catattgcat	tgtttctttg	agtcctaatt	ctgccaacat	ggcctgggtg	ttgcattaat	180
cagcttttcta	atctctgagt	aacaaggcac	agtaacaagg	agcagtaaca	aggcacaagg	240
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 <211> 229  
 <212> DNA  
 <213> Homo sapiens

<220>  
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 <223> n = A,T,C or G

<400> 1048  
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 gcgccttctt ctctgcttag gctggaatga gcttgtagag gcctgtgcct caccntttct 180  
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<210> 1049  
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 <212> DNA  
 <213> Homo sapiens

<220>  
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 <222> (1)...(272)  
 <223> n = A,T,C or G

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 aagggctgat ggagctcccc gcagcatggg tctgcttggt gtgacagagg ctctgtggc 180  
 cacttttagaa gtgcggttta ctctcatgc nganattgga cnttgggcat ntcagttctn 240  
 nnagatgttg gtttggcgnt atntcttttn tt 272

<210> 1050  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1050  
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 ttgctctgag tctagaaata gagtaaagag gaggctagac tcaagctgtc tggagagtgt 180  
 gaaacaaaag tgtgtgaaga gttgttaactg tgtgactgag cttgatggcc aagttgaaaa 240  
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<210> 1051  
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 <212> DNA  
 <213> Homo sapiens

<400> 1051  
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 accgcgctct cgattttctgc cgcgtcccg cctctaggacg cggagtcctg gtgcggttcc 180  
 gtgaggctgg agggtagatc ttaaggatca acaaacagta ataatgactg aatgtacaag 240  
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<210> 1052  
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 <212> DNA  
 <213> Homo sapiens

<400> 1052  
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 tatagttttt ctttggttct gctcatggaa acacaatgac tatcaatcta agtaagacta 180  
 taatatatta gaaggatggg tgatgagaag tgtgaagtgt tgcaaaggta aatccttata 240  
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<210> 1053  
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 <212> DNA  
 <213> Homo sapiens

<400> 1053  
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 tgaagtagtt ctttttggat ttcagttggc ctttttagtag agcctttctc ctaaaggatt 180  
 aaaacgtgag actgcgggct tgagccaaaa agcagtcaga gggacaaata ctgggtttta 240  
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<210> 1054  
 <211> 271  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (271)  
 <223> n = A,T,C or G

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 gaggtgagg ctgcattatc gctttaacct ggggggcgga ggttgacagt agcctngatg 180  
 ggggcaataa nagnaaact ttggctcaaa aannanaaaa taaatanncn atanaatatg 240  
 cnaagccctt tntcttcng nnnctctcg g 271

<210> 1055  
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 <212> DNA  
 <213> Homo sapiens

<400> 1055  
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 tgactcaatg tcatgtggtg ccttgatgg gatccaggga cgggaaaagg acacttgga 180  
 aaaactggtg aagttcacgc aaagtgtccg ggtagttca gcatcagaag accaatgatg 240  
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<210> 1056  
 <211> 300  
 <212> DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1056

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&lt;210&gt; 1057

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1057

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caggatggtc	tccatctcct	gaccttgaat	cacaagagtc	ttaacaggga	atgtttcagg	180
aaacaaatag	gataagacaa	tgccagagga	aggatagaaa	catgggaagt	ttctatcatt	240
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&lt;210&gt; 1058

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1058

gagaaccccc	tcaacccctt	cctcctccct	ctggggatga	agtgggagta	tttggctccc	60
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gtgagttaga	gttggtcacat	gttctcctgg	ttcttgaatt	tgagcagggt	cctgaaaagg	180
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&lt;210&gt; 1059

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1059

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aaggatattct	gcaagtactg	tagatgttat	agaaatgatg	gaggatgata	aagttgatct	180
gaatttgatt	gttgccctca	tccgatacat	tgttttggaa	gaagaggatg	gtgcgatact	240
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&lt;210&gt; 1060

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1060

cccgaagca	tccaggatgt	gggaacattg	tgacatttgc	acaattttta	tttattgctg	60
tggaaggctt	cctctttgaa	gctgatttgg	gaagggaagcc	accagctatc	ccaataaggg	120
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aaagcagggtg	acttcccagt	ccagcttgag	tgagaatgat	ggattccagg	catttgtgtg	300

<210> 1061  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1061  
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 ccagtgtccc attgtgtggg cgtcctcatg gggatccat tcttctagga agatcctggg 120  
 gctgtttcca gttcgaagcc attattaata aagctgcaag gaagaaatat ttttatggat 180  
 gtgtgttttt atatctctga taaatatatt caactggaat cattgggtgt attgggccat 240  
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<210> 1062  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1062  
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 atgaaataaa aacaggaata gatagacgtt ttgaggcgaa agaatgaat ccagcatgct 180  
 ctgttttagt atgtagatga gatcacctgg gaaggcatga atgggcgggc tgagtggggg 240  
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 <212> DNA  
 <213> Homo sapiens

<400> 1063  
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 <212> DNA  
 <213> Homo sapiens

<400> 1064  
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 agtatggagt gcctatcgca ctaggaaatc tgagggtcac aaaagaaagg agatgtgagg 180  
 ataagaaact ttgtttttcc cttgttgagg actctttagg cctcggtttc tggtagacgc 240  
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accagcgccc ccacatggcc ggtctgagag caagtggaga gtcacagtca cagtcacagt 180  
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<210> 1067  
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<212> DNA  
<213> Homo sapiens

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<210> 1068  
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<212> DNA  
<213> Homo sapiens

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<210> 1069  
<211> 300  
<212> DNA  
<213> Homo sapiens

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<212> DNA  
<213> Homo sapiens

&lt;400&gt; 1070

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&lt;210&gt; 1071

&lt;211&gt; 198

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1071

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caatagaaga	acataatg					198

&lt;210&gt; 1072

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1072

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&lt;210&gt; 1073

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1073

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&lt;210&gt; 1074

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1074

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&lt;210&gt; 1075

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1075

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&lt;210&gt; 1076

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1076

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&lt;210&gt; 1077

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1077

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&lt;210&gt; 1078

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1078

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&lt;210&gt; 1079

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1079

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<212> DNA  
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<400> 1080  
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ctaagattgt aattgatatt atctgagagg tagtgtgaca actttctttt gttgttacat 180  
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<212> DNA  
<213> Homo sapiens

<400> 1081  
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ttctcttagc cagttctaat ttttgttcag gtggaagatg gatgcctgaa gtgtagactg 180  
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<212> DNA  
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gcatctgggt ccattacac agacgtagac attgaggtct agttagaagg acttgccagg 180  
agtccgtgaa tagagcttgg cacttggtgc tcttgactct cagggactgg gtgtgagggg 240  
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<212> DNA  
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catggacgtg cgggtcccggg tggattctaa gaccctgacc cgtaacacga ggatcattgc 180  
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<400> 1084  
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&lt;210&gt; 1085

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1085

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&lt;210&gt; 1086

&lt;211&gt; 208

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1086

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cgctttgtag	ctcactaagc	agttttgtat	ccaactttgt	gcttttattt	cagtgttttt	180
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&lt;210&gt; 1087

&lt;211&gt; 205

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1087

tagggcttta	gtactggttt	gggcataatt	atactcagtg	tttgggcctc	tgctaaaatt	60
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ctttgtgctc	agagtacagc	tgga				205

&lt;210&gt; 1088

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1088

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tcctggagga	ctgagcacct	gtgggaagg	gagggtggct	gagaggtaga	gggtggatgc	120
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&lt;210&gt; 1089

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1089

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&lt;210&gt; 1090

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1090

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aactaggtcc	aacaagtata	aagaggacta	gtctcaaact	attaaatata	tgattttacct	180
agcaaaagct	ttaagtcaca	gctgaattac	actggggaaa	caattacaga	ctttacaatg	240
gaaagaagca	tcttcaatgt	tggtctgcaat	cactgacagc	aggaatactc	acttttgaaa	300

&lt;210&gt; 1091

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1091

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caccagctgc	ttttagtcca	cagcctctga	catgcgattt	gaagacacgt	tttatggagc	180
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&lt;210&gt; 1092

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1092

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&lt;210&gt; 1093

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1093

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cacatttagt	aaatggagat	ctgggatgca	aatccgctat	gcctgaccgt	aaagcctagt	240
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 <212> DNA  
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<400> 1097  
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 agagacaaac agcattgcag cagcagatac agaaacatga agagactttg aaggatttct 240  
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tatgtctagc tgtgtctacc atgtgtatgt attcttgaca agcagtataa aatacctgtg 240  
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<210> 1099

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1099

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<211> 300

<212> DNA

<213> Homo sapiens

<400> 1100

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<210> 1101

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1101

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 ctggagacat gtgaagttat tgctcctaca ctgagtggtt ccatgtcatt atgccttaat 240  
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<210> 1102

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1102

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<210> 1103

<211> 300

<212> DNA

<213> Homo sapiens



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&lt;210&gt; 1104

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1104

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&lt;210&gt; 1105

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1105

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&lt;210&gt; 1106

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1106

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&lt;210&gt; 1107

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1107

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&lt;210&gt; 1108

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 <213> Homo sapiens

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 <223> n = A,T,C or G

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 actgcgtttc ccagagtgtg agccgctctc ctccccctaa aaagctgact cactgtgagt 180  
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 <212> DNA  
 <213> Homo sapiens

<220>  
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 <212> DNA  
 <213> Homo sapiens

<400> 1110  
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<400> 1111  
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 taggggagat cactcatgct aggtatggat ctccctaccc ttggcctctg aatcatatct 180  
 atggcctatc agaggcagg ggaagtcaaa cgtaagatta aagctatttg atggggaaag 240  
 aagactctgg accaagtctt agaggatgta gaccagcgt gtctagctct ctctcagaga 300

<210> 1112  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1112  
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 tcctggctcc ctgaacatta tgggtgctgac cacaaacttt cctgtccact tatacaaact 120  
 tctagtgagt gtgtgtgatt actagcttca tgaataacctg acccctccac tctgaaggag 180  
 gaacaggcct gtctggatca cttctctgtc cctaactgag cccatctcat ttagggaaac 240  
 tacagagcac tgttgctttt ttttttagatg gagtctcggt ctgtcgtcca ggctggagtg 300

<210> 1113  
 <211> 282  
 <212> DNA  
 <213> Homo sapiens

<400> 1113  
 acctgtttca cctcccaaatt ttatatattc aaagtattta cttaaaattc agaagccaga 60  
 agttcatgtc atgattacca ggaagttcag gccagaatga atccctagag aagccaggcc 120  
 aagcctggat aattgcagct ggatgaccct ggcccgaaatg tcacagttca gttgccttat 180  
 tcctagtcca ggcttactat ctagaacctc atgctagctt aggttgcatg tttacattgc 240  
 tgcagagtc tttactggaa gcttagttgg atcgaaatgg ac 282

<210> 1114  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1114  
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 agctctccct cactctttga ggcagggttaa agggtagggc catgaccacc accttaatcc 120  
 ttccagggact atttacaaaa gattgaaaaa tgtgcccagg gcccgtaact gcccctctgt 180  
 ggaactagcc caactcaagt gggctggcag gcaagcctgg ctttcatggg gacagaagag 240  
 agagtttgcg gggagcttgg catttttcaa cacatgcttt ttggcttctc ctactgaatt 300

<210> 1115  
 <211> 150  
 <212> DNA  
 <213> Homo sapiens

<400> 1115  
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 cagttaccca actgtgtcaa ccgagatctg atagacaagg cagcaatgga tttttgcatg 120  
 aacatgaaca caaaagcaaa caggaagaag 150

<210> 1116  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1116  
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 tccactgttg ggggaagagt gaagagattt gacataccat aatgttgatt agcttgatg 120  
 ggtttggcgg cagcttaggc cagagcataa agtaaaaaagg aaaagtgttc acagacaatg 180  
 aaaactggga ccaagtgggt aataactcaag gcacacagac caggcaagga tcccagtggc 240

cgtggatgag tctcaggetg gctctgggcc agtggaaacac acctcagtgt ggggtgaaggc 300

<210> 1117

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1117

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ccagctgtat	cacccccagg	tgtacctgcc	atccttccat	tgcgcaaata	tggaaactga	180
gcctgggggt	aggggtgagc	ccttttgagc	agcaggtggg	gtctggggcc	tgggacctgt	240
aaacaaatcc	tcattactcc	cagcctgggc	tctgtgcttg	atgtttagta	ctagaagtca	300

<210> 1118

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1118

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atgatgtcac	agacgccttg	ggtacccagc	acctggatgc	agctgtttgt	acacacatac	180
tttctgatat	tatgttgaca	gtgacttaca	ccacttcaac	ctcaggcagg	attctatcag	240
tttctttact	acagattgat	ttgtttcttt	aataattatt	gtaattactg	tcagtaaaaa	300

<210> 1119

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1119

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tcctactatt	ctgcaacatg	taaataacac	tttgaacaga	gcaagtggta	aagattgctt	180
aatttttgca	tgactatttt	gataaatatg	ttgagaagga	ccagctcaaa	ggaaaacctc	240
ttggtaactt	ggcataagtt	aaatgtttcc	caagaaagtg	cactcttccc	aaataaagct	300

<210> 1120

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1120

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aactggcaat	ctttccaaag	tggcagccaa	ggccccactc	cctgtcctac	tcaatctctg	120
cagggaaaaa	ctgtgggata	ggatagcagc	cagctgggga	cacacagagg	aacattcaac	180
aggaaggtcc	cgcctaggga	aaaggccaca	gagcccaggc	ctcttgccga	ttcagggatc	240
cttggatata	agtggattag	aggagaggga	ggaaagctat	catttcagtg	gtctccaaat	300

<210> 1121

<211> 290

<212> DNA

<213> Homo sapiens

<400> 1121

gcaagactga	gggaggagg	aggtttgagc	agctgtaatg	ggtgaggga	gagagtgggt	60
gggagaaagg	agatttgaga	agcatcgcta	tgatccatga	atctttgtag	tcaagtttaa	120
gaaattcaag	taaacagagt	tattgtgaaa	ttattatttt	ttggttgcta	ttctctctct	180
cctctccac	tctgtctctt	tttttttctt	tgagatggga	tcttgctctg	tcgcctaggc	240
tggagtgacg	cagtgggtgag	atcatagctc	actgcagcca	atTTTTTTTT		290

&lt;210&gt; 1122

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1122

agggaggagg	ggggcaggac	agtgtggaat	ctctagggtg	tatgggtagg	tagggggcac	60
agttagttct	aagtgggctt	ttatgctaaa	agcctctggg	gatatctgtt	ttgaaaataa	120
agataggtgt	ccccctcttg	ctgtcatcta	gccagacac	tctgcttgct	ctctggctgt	180
ctgctccctg	ggaaggcttt	aggaggacca	cccaggacag	gatgaccatg	ctgccatctg	240
ctctggagct	gggtctcagt	gcagagggac	agtgactgtg	gatggttgca	gtctctggtg	300

&lt;210&gt; 1123

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1123

cctccaccaa	ccccccagtc	gtctgggatg	gacaaccatt	tggaggagct	gagcctgccg	60
gtgcctacat	cagacaggac	cacatctagg	acctcctcct	cctcctcctc	cgactcctcc	120
accaacctgc	atagcccaaa	tccaagtgat	gatggagcag	atagccctt	ggcacagtgc	180
gatgaagagg	aggaaagggg	tgatggagng	gcagagcctg	gagcctgcag	ctagcagtgg	240
gcccctgcct	acagactgac	cacgctggct	attctccaca	tgagaccaca	ggcccagcca	300

&lt;210&gt; 1124

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1124

gggtgacttc	ctgtgacctc	caaaggaagt	ctcagctctg	ctagaatggg	accaaagccc	60
agctccacct	tgaacttggt	tcatagcctt	gcttcttggt	ccctctcctt	agccgggcag	120
atgccttgct	ctttgataaa	ggcttcctgt	cacctcctga	gggctcttgt	gctttttgca	180
gggtggatgcc	attaccttta	ccgctgtgcc	tcccgcgaatt	gctctgttca	cacgctgtcc	240
gccatctgcc	tgcaagggcc	caggcagggt	cttactcatc	attatgtcat	tgcttcaata	300

&lt;210&gt; 1125

&lt;211&gt; 287

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (287)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1125

ggacagtggg	cctggccccgt	ggagctgcca	cgcaggtgcc	tgagggccag	gtgccacgca	60
ggtgtctgag	gaccaggtgc	cacgcaggtg	gtgggggtac	agacaagatg	ctgggatgtc	120
ccctgccccca	tggtcaaggg	tgttctgcct	gcctntttcc	annctgann	nacntacatg	180
gaatccctan	antntttnat	ttttntttna	nanantgngg	ngttttatgt	ttttntntna	240
nnngntttnt	taatgntntn	nantattatc	ntntatnnet	tttttttt		287

&lt;210&gt; 1126

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1126

ccctgccttg	ggtctggccg	gcggaagctc	tgtccaaggt	ccacacacct	ccagggtttac	60
gccaacatcc	ttgtgccctc	cccaccttct	cttccaacgc	attaggtgca	ttgtttaatt	120
gaaatccaac	caacaattgt	gtgtcaaggc	tggtttggtg	cagtggctgg	gcaaattaat	180
tttggggccag	gatgggggtg	ggttgcagtg	agggtaggga	aaatgtcagg	agtaggaagg	240
ttcggggggtt	aagggaaggg	aaggaagacc	agaactggcc	atcctctttt	ataatccatt	300

&lt;210&gt; 1127

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1127

tataggcatg	agccattgca	cccagcccag	gtttttaata	agatgaaaaa	aatgctgtta	60
taaaaagtga	aaagaggcca	ggtgtggtgg	ctcctgcctg	tggtcccagc	tactccggag	120
gctgaggcag	gaggatcatt	tgagcccagg	ctgcagtgca	gtggcacgat	cacggctttc	180
tgacagcctg	acttctctgg	cggcagacgg	agaccctgtt	ttttaaagaa	aagaacagag	240
tacaaaattg	tatatgctat	ataatcacaa	ctataataaa	tgatctgtag	ataaaatgag	300

&lt;210&gt; 1128

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1128

tgtggcccca	agagtgggag	gagtgggctg	tcagtaggcc	accaataaat	atctgtgttt	60
tggctgaccc	ccatatgcta	ggatactgga	gatgaggaac	tggagaaggt	gcttaaagag	120
cacatctgtc	tggtagagga	cacagagctg	tccttcaagc	atttgaacga	tgttctcatt	180
tccctggaat	cttctcctct	ccaggctcac	atctctagct	ccttcaatga	ttcctcttgc	240
gacatcattt	tagttctctt	ccccaaccta	gtctttttgc	ttttaatgaa	tgatcactga	300

&lt;210&gt; 1129

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1129

catccctgac	agttggataa	taggttccag	gaagttcagt	ggaaaattaa	aacaaagcaa	60
catttatagc	tgattgaact	tgaaaagcca	ttttggtgtt	gaatggcaaa	tatgtggact	120
tcagcattcc	tggagcctga	tgcatcccgc	tggatggccc	tgttcctgtg	tacatgatgg	180
cctgggggact	cagcagtgtg	cagggctact	tccttttagag	ggtgctttga	ggaaagaagt	240
ttgctgccac	ttacagaagt	ccccttccca	tacagtgata	taacacaagt	accccatgtc	300

&lt;210&gt; 1130

<211> 250  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(250)  
 <223> n = A,T,C or G

<400> 1130  
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 aaaatgggcc tagaatgtgt agatattctc agcgatctct ttcgaagggg actcatacat 120  
 gtcttagcaa ctattttagn ccatctcngt gacatggnc taaattcacnc gtgtntaaag 180  
 tgannacntc ttggaanatg gatnctanan gannatangg cngcttttcta ctntnnnant 240  
 nttnnngcta 250

<210> 1131  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1131  
 attttcttcc ttatgaccac ttacagtgga tattttattgt acttgaccct tttatgcctt 60  
 agaatgctgt gagggttacc atgttgaatt tgtgcagaag ctaaaagcac cagatgtgcc 120  
 agagatgcaa tttgtgatta tgtttgcact ggattgtgat ttgaacagga cacttataac 180  
 taatgagttc tttcttttga ggtggggaga gggttgtaaa tcaagacttc ataccctatc 240  
 cttgtagctc ggaaattgag gtgtagctta ggctgatgcy gagagctgca gacagctgga 300

<210> 1132  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1132  
 gttggagaaa tccaaagctg accaaaacat ggtccccacc ttttggagct tacagtctgt 60  
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 tctgtgcttt ggtgtctata agtacatatg tggatatggg ttcattttat ccctaaactt 180  
 agtaccaaac cagcatttaa tatctaatta taaatctaata ttggcctaaa ctttattatt 240  
 gcacactgcc tgaacaaaac ctatttgtct ctatgtaaat tttttcctca tggaacaagg 300

<210> 1133  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1133  
 ctccagcctg gggcgacaga gcaagactct gtctcaaata gataaataaa taaaaatata 60  
 aaaaaaagaa actcaaggta cagtgggtggg agtcaaaaaa gcataaggag aaaaccaaga 120  
 ctgaaaactg ttattgagct tagtctgtgc ctagttcagt ccctagcatt ttacaagttt 180  
 tctctgagtt aacaaacttg tgggggaaac tgaggctttc agatgttgaa taacttgtgt 240  
 aagttgtaga gcaggttctt ttccatagtt ccgcattttt tacctgcaat acagcaatgc 300

<210> 1134  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 1134

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ggcagtctct	gtctcgacct	ccttttccat	ttctggctag	tttaccgac	tgtttcatcc	120
ttaggccagc	tgatgacctt	ggccctctcc	ccccgagac	cctgcagctt	ccaacagtga	180
ggccctccag	cagtggaggc	gctgattttc	atggcctggc	tggagctggg	ggcccaggcc	240
aggagcagcc	ccaggcaaaa	atcacctccc	gctgctcttc	cctgccactc	agtacttttt	300

&lt;210&gt; 1135

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1135

gtaaaacatg	taatttggac	atgcaagaca	atgctgctgc	caactaacat	tgcattgatt	60
cattaagatg	ttatttttga	ggtgttcctg	gtctttcact	gacaattcca	acattcttta	120
cttacagtgg	accaatggat	aagtctatgc	atctataata	aactataaaa	aatgggagta	180
cccatgggta	ggatatagct	atgcctttat	ggttaagatt	agaatatatg	atccataaaa	240
atttaaagtg	agaggcatgg	ttagtgtgtg	atacaataaa	aagtaattgt	ttggtagttg	300

&lt;210&gt; 1136

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1136

gtctcgcttt	gtgacgtagc	ctgggtcttga	gcgacccctt	tgccttggcc	ttgccaaaagt	60
gctgggattg	gaggcatgag	ccactgcacc	cacccctggt	ttttatttaa	gtaaaccatt	120
ataataactc	atttataaaa	aggttacttc	aagagggcct	tcaacttaag	aattattttc	180
atthttgaaca	tgaaaagtta	aatagtaact	aagaaactga	gaactctgac	agtgcacctc	240
aataggtaac	tttaggcaaa	agtagacaag	tttgtgggta	ttttgttggt	catgttaaaa	300

&lt;210&gt; 1137

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1137

gtttatgaag	aagctgtttc	gtgtgtacag	ttgctgctgt	aatttagcca	gcagtgcctt	60
gccctgccct	gcagtgtctg	cacagctccc	actgcttctc	tttgtgtgtg	ggcacgtgag	120
gcatgacttg	gagggggggc	tggtgcctgg	ggacctgctg	aagagaatgc	tcaccaccag	180
ctctctgttt	ccctttctgc	tttggttaac	aacacgtggt	tgcctgcagt	ggccggggacc	240
gtgactgttt	ctgcccttgt	gcctagttaa	gagccttcaa	aagcataatg	aacacttttg	300

&lt;210&gt; 1138

&lt;211&gt; 297

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(297)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1138

ctgagatcgg	ccactgcact	ccagcctggg	tgacagagtg	agactccgtg	tcaaaaaaaaa	60
aagtcnnaaa	ctgtttgnct	tnattnaggc	agnaaatatt	nnanttcggn	atgacctgnc	120



atgnanccag	taaggccttt	acaaatnaca	tcnnaacaa	atacanntca	natgancaaa	180
ntanggccca	aatgaaatga	cntctnnntc	tntgctatgg	cngaaactna	tnangacnta	240
tggaatcana	gatagctaaa	gttcattatt	taaagctnta	ctcccatgag	nattatg	297

<210> 1139  
 <211> 289  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (289)  
 <223> n = A,T,C or G

<400> 1139						
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ttcatcatca	agnanttcag	gncnctaggg	gnaaaaaact	tnnttnaaaa	tgagggagng	120
nttngcanen	tnngtnattt	cnttttnaat	ngaatnngtt	nttntnaaat	nccaggacca	180
agnnccaaag	tcancagtaa	aattcanctg	ngtncntttt	naacgacctg	naaaataagt	240
ttatgaccnc	tntncggatn	caaatngtnc	aaaacccaaa	nggccatat		289

<210> 1140  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1140						
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ccagagatga	ggagatgaaa	actctaagac	ctcccagctt	ccaaatagca	gagccagtcc	120
tcaaatttat	tgcctagccc	aaattctgtg	cttcttcacc	caggccacat	tgcttccaca	180
tagtttccct	tcagttgtaa	gtagtagaaa	agtaggactc	cagaatcagt	atccttacat	240
aaacagctca	gtacatgaga	ggcagttgtg	agactggaaa	atggatggga	ctagactgtg	300

<210> 1141  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1141						
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agacataatt	gagagcctct	tcctcttggt	ttttcactta	tcatgagttc	tggtctttcc	120
ttagcactgc	tggttctggt	tatccccag	gcttctcagc	tcagctgagg	gtgtgagcca	180
tcgtatgttg	gggactagct	accagctaaa	ggccacgttc	tctgtgctgt	ctagtacatg	240
agcaacagag	ggaagaagtt	gtgtaattgt	aagaacttgt	cacctttcat	ctcttttagt	300

<210> 1142  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1142						
ctgatctcca	gacccataag	ggagatgctg	agtagacaac	tggggcttat	gggtctggag	60
ttcagaggag	agatcgggaa	ggtgtccatt	tggagtcac	cacgcagaga	tgtgtgaagg	120
ctgctcaatg	atcttgaggt	ttaaagaaaa	aaagagatgt	gaaaccaggg	gccctgatga	180
ggctgccag	gtggtaagga	agacagaaga	gaagccatgg	gacagctgag	cccgggcacc	240
ctcaagcctt	ggaggcatga	agtttggtgg	ggatctggca	aagaacacct	gggagcagcc	300

<210> 1143  
 <211> 189  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(189)  
 <223> n = A,T,C or G

<400> 1143  
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 ccaataataa aaaatgtgta ataattatct aagccaattt gttcatttcc aacaatttct 120  
 tttttttttt tcccnanacc cnnantttta aaaccttggg tnaanggttg aaaangggga 180  
 nngggtccg 189

<210> 1144  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1144  
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 agcccagatt caaaagggtga acatctgttt gcagaatctg attcatgaga aggtgagttt 120  
 attgttttca gtttagactt ttgggaagtt ggactagaga ggggagttgt tggggtcagt 180  
 gctggcttaa cagaaaacac agcgaatttc ccctccagtt ctccccaagt ccactgaaca 240  
 aggctagttc ctgcaccacc caggattcaa agggaaagacg aaggggagcag aacttgtggc 300

<210> 1145  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1145  
 gaatattaag ggtattcatg agaggcaagt gatagggttac tagggatgga ttgtgtggga 60  
 gaaataatgc agaggaaatg atgatcatct ccattgaatg acagctgtta tatagcaaag 120  
 ataaatgtaa aattagtctt attcttggaa gtggaagaca gcagttatca gagaggagaa 180  
 tttaatcaaa agaatcagaa tagcatgggc acaggccaga ttcacattga agtattttact 240  
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<210> 1146  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1146  
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 tttgtgtcga gtcctctttt taccctaatgt caatgcctgc ctgagtgat ttcttctctg 180  
 aggagagttt tgtggatgcc atctttccgt tacggaaaac cagtgaggga atgggcagtt 240  
 tcttgccatg acccaccatc atttaaacaa ttgggtgtttg agttcagaaa taagtcata 300

<210> 1147  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 1147

cctgcctcag	cttttcaagt	agctaggact	acagggtatac	tctaccacat	gtaggctaga	60
ttattttctg	tagagaagag	gtcttggtaa	gttgccctagg	ctgggtctcaa	actcctggcc	120
tcaagtgatc	ctcctgcctt	ggccacccaa	agtgcctggga	tttttaggtgt	gagctacagt	180
gcttggcctg	cataatttta	taacttata	attcaccatt	ttacacattc	agagaaagga	240
gttgtaacaa	gacactttat	aatatagact	aagtcatttt	attgacagt	tcatgaaagc	300

&lt;210&gt; 1148

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1148

ctttgggata	tttagatgaa	tggtatcata	cagatgtgta	ttattgctaa	ttctttgttc	60
tcaatcaatt	gttttcaagg	acactaaaat	ccatgtagcc	cctaaaaaag	ataaataagg	120
gcaagtcact	tttcttcttc	cagtcacaga	ctaaagaaat	tatttcagat	aatatatagc	180
ccttcagcca	tgggagcagg	aagtgtttac	tgctcaagtc	agggctctcag	ttggtaaaat	240
aaacggaaac	ttctggttta	gttttagggc	cttctttcaa	ataaaaactt	cattttctct	300

&lt;210&gt; 1149

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1149

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tttatgaaga	ttaaatttgg	gaaatcatga	gaatttagaa	tttctcgaaa	cttcaaacat	120
gaggtacctc	agcactttct	taccagcctt	ttaacatggg	cctccactgg	gtgcatgtga	180
gaaagactgg	gatcagagaa	aagaacctga	caagctccac	cccctgtgtc	ngaggtgcag	240
gaatgcaaat	gagactacag	tattcaaatg	gtgctgctgg	agaacagaca	tgaaatccag	300

&lt;210&gt; 1150

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1150

agagggttgg	tgaaaattca	gacagaatgt	aacttgacaa	agagaagaca	gcaacaactg	60
taacaattat	cttatgaata	tttgcgaaac	tcaaagggat	ctgattgggtg	acctctgggc	120
tttatcaaat	taacatcaca	acttctagaa	gaaagtcaac	cttcatcttt	tacaatagaa	180
atcatatgtt	ttgctaacc	attcctat	aggctgaaaa	caattaagag	ttatgggtac	240
ttaaaaaat	cattatgttt	ataaaattag	tgatagaagg	agcatagtgt	tcatacagtc	300

&lt;210&gt; 1151

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1151

ggttactccc	agggtgaccag	gtggcctgta	ggaaaccaag	ggctgctata	tgaccggagc	60
tggatgggtg	tgaatcacia	tggtgtttgc	ctgagtcaga	agcaggaacc	ccggctctgc	120

ctgatccagc	ccttcacgca	cttgccggcaa	aggatcatgg	tcatcaaagc	caaagggatg	180
gagcctatag	aggtgcctct	tgaggaaaat	agtgaacgga	ctcagattcg	ccaaagcagg	240
gtctgtgctg	acagagtaag	tacttatgat	tgtggagaaa	aaatttcaag	ctgggtgtca	300

<210> 1152  
 <211> 104  
 <212> DNA  
 <213> Homo sapiens

<400> 1152						
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gttctgaaca	ggaacacaag	taaggagaat	tttttttttt	tttt		104

<210> 1153  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1153						
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agctgtccag	ggctgataca	gggcatgatg	aggatcatcac	agatccagggt	tctttctgtc	120
ttctgctctg	cattcgtagc	ctgtggcctt	gtcattccct	catctggaaa	tggcggtgc	180
agccccaggc	acaatggccc	gttgaggaag	aagggggacg	atgtgcagtg	tcagggtatt	240
ttatcaggaa	agttcaaagc	ttctcagaaa	tcttctgttg	gaattctacc	tgggtgtcat	300

<210> 1154  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1154						
gacaaaagaa	aagtatcatg	tagatttcaa	ctggagacag	tgactttaat	cttctaagtt	60
cagagacaaa	tttactgca	cttccttcag	tgtttctgaa	gcgtgagcat	atttgctaaa	120
cagttgccta	tctcatcatt	gtgttaggct	cctcatatct	tccttaggga	aatgctatgg	180
agagttcagg	tcagaatatt	gtgttgtaaa	tggtgccaca	gtaaatgcaa	ccccggcctt	240
tactgttggt	tcattctcga	tgaatatgtt	tctaaagtca	tgataaacca	acctcatgca	300

<210> 1155  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1155						
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tgccctgctg	gccccgactt	cccacaccag	ccgcgcccac	cgcagggtggg	actcagggttc	180
gccctctggg	ccaggtcctt	cacgaggagg	gagctaccct	tcgccagaag	tttgtgagaa	240
tgtggccgcc	cttttctgc	cctctgcccc	atgtgggtgg	ggggcctcgt	ggccccggcg	300

<210> 1156  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1156						
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cgatagaata	ggtatcagat	tagggattac	aaaatgtatc	atgggtacta	aatatcagta	120
caaagcagcc	acaataatat	tgatttatgg	atttaagtaa	cccgaccaa	ccttgatgta	180
tctcatcatg	ttgaatttct	gctccagata	ataaagtatt	gttcgatctt	gtgcattggc	240
cttttatttt	tcagaatgat	tcaaaggatg	gctttgggga	ttcactgtaa	gattttttgt	300

<210> 1157  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1157						
gtaccataag	aaactttttc	tgaaaagtgt	attagcaaaa	agaggactct	tcagctttct	60
acttgtccgc	gaactttgat	gttctcctga	aacctccatg	tgtgtcaaga	ttgggaaatg	120
ggagaatcaa	gaatcagtag	gtgttaggcc	accgggattg	cctgtatcaa	aggaggagca	180
caaaaccaag	ctgtttctca	tcaaaagtag	atccaaaaca	acgttttcac	aaaagtccaa	240
agaaaagtat	cattttttcag	gttttgcgaa	gaggaaattg	tggcgaacag	aaaattggag	300

<210> 1158  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1158						
ttcattttta	aaaagcttct	ccttattatg	ttgttgttta	acaacttaaa	cgctatctct	60
agaccaggaa	taattatttg	ctatatatta	cagcaaaaaa	tatgtatgta	taaatggact	120
cattcaaaat	atataaagaa	ctcctattac	aaagaaattg	acaaacagcc	cagtatatca	180
atgaatataa	aaatttgaga	agatattttc	cataagaaga	tatctaaatg	aacattaggc	240
atgagaaaac	caaatttttag	gatatcacta	cacacctggc	atagtttaaa	agactgaaaa	300

<210> 1159  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1159						
acaaagcata	tgtaccaaca	atgcatgttt	atattctgtg	ccatgccagg	ggcaaattca	60
tagttggcct	gtttccataa	gtgtggggat	ggaaccttga	aacacaggac	atctcataat	120
gctgtaagca	gggaccattg	aaattgattc	ctagagtctt	gttctacaac	ttctttaaaa	180
attactgatt	tgacagcagt	atgtattcaa	cattttaagac	tttctgtcta	attttgagca	240
tacattcttg	actaaggcta	gcaattagag	attctttctt	taatttatca	gatatctatt	300

<210> 1160  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1160						
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agaacacata	cccttcattt	ccaaagggtc	atttcccact	cttacttttag	attgacaatg	120
agttgtagtt	caaaggctgc	cctgcaggga	agctcatata	ccctataatt	taaagggcct	180
cagacgactc	ttgggaaact	tggtaaaaca	ttctatttag	agacatgcct	gctgatatga	240
catatatttt	tatagttata	cccctttatt	gctgggacat	aaaacctgtt	ttcactcaaa	300

<210> 1161  
 <211> 300  
 <212> DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1161

gttgtaggcc	tccttcatct	gttcattggc	tgtggcatta	ggccagctac	tctttgcact	60
tctgtaaagt	gagacggtcg	atcttgtctg	cctctctaga	ggatggctgc	aggtgtcaaa	120
tggggtagtt	aggtgggagg	gcatttcaca	aagttaaaaa	atatgacttt	ggaggcttgt	180
tatattgatg	aggattataa	tccctgagaa	ttcctgggat	gaaaaagga	aaagaagata	240
atttgtgaaa	gaaataagtg	tccagttact	agtctttgaa	aagggtcagt	ctgtagctct	300

&lt;210&gt; 1162

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1162

cgttcctcaa	aggggccctg	gttgtcacct	tctcccacag	ccatttccac	ccatcgttgt	60
ctagaatctc	tttcattagc	acattccaac	ccctctgcca	cttggttttag	aaatgagctc	120
cctggctcag	tgggcctttc	agaatctgga	accagacgga	ggaggagtta	agaagatagg	180
acagaacagg	caggcccagg	tgctatggtt	ccactgggga	gagaccattt	aattctccag	240
atgctttact	ccctgattgt	cttttagcca	ttattctttt	cgttttaaga	gacatggtct	300

&lt;210&gt; 1163

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1163

atttgattta	aaaaaggaga	aatgttcaca	ctcagtctag	accacttagg	tatgcagagt	60
tgcattcctga	aagcaattgc	tcacactttc	cttaatatata	tccctctcca	cctttgcaaa	120
accttgattg	gcatggagcc	tcgactgctt	gcattgtata	cacatgtaat	aagaaagcat	180
taaatctctt	ggaaattagg	aattgacaag	ataaatagat	aaggcataaa	gccaattttt	240
cacacatgtc	cttaggctct	tgtaaagtgt	tgcttggtgc	tgctttgact	tcccagggtcc	300

&lt;210&gt; 1164

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1164

aacaactccc	tacgtcctgt	gtggggccct	gccaagtgg	atgaggcatt	ccttgaggag	60
tatcattttc	cctgacaatc	cccacacct	ttaggggttc	cctgcttggc	tcctttccag	120
ctgaaaaact	agacctgtgc	cattggggaa	gctggacaaa	gtctaggggg	ccgcctggt	180
agagggtccc	gggaagctgg	atctgtcagc	ctcgccctg	aggccctgt	taactcaaga	240
ctgtgagctg	cctctagggt	gtcacgtctg	ggagctagct	tgtatggctt	ctgaccagta	300

&lt;210&gt; 1165

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1165

gctgtttgtg	caaatacctt	gaaaactttg	aaacttgacc	ccggacagge	ctggtgccag	60
gtcctttccg	acttttgtgt	tttctttcca	cctttcacta	ctgactttgc	ctctttccta	120
ccaggaatgg	acagggccga	tggaggtgaa	gaggacagca	gctgcactgc	cctgtagaga	180
ttcccaggcc	ctgcccactt	caaagcacac	aagcccacct	tttctctatc	acatttcctt	240
ttgcaacca	gggaggcact	caccaggatg	ctgccaagaa	ggaaacattt	tattaacatg	300

<210> 1166  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1166  
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 gagtgtccct gctacttgac aaattgaaat actaagattt atacatttcc atggaaaaag 120  
 caacagtggg aaagagaggg cttcccagat ttgtcttata gatctcatcc ttcagagact 180  
 agccttctgt tagaaatgct gtctccaagc acaagacaga ataatcatat aataccaata 240  
 cacaccagtt gctaaggctt ccatcctttt aagtatttgt tactgagtgt tttgcctgta 300

<210> 1167  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1167  
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 cagaggagat gatgtggtat ttctatcact aaaaggagtt caagaccagc ttgagtaaca 120  
 tgggtgaaacc ctgtctccac taaaaataca aaatttagcc aggcatgatg gcgcatgcct 180  
 gtaatcccag ctactcggga ggccgaggca ggagaatcat ttcaaccagc gaggtggagg 240  
 ttgcagtgc ccgagatcgc gctactgcac tccggcctgc gtgacagagc aagactccgt 300

<210> 1168  
 <211> 290  
 <212> DNA  
 <213> Homo sapiens

<400> 1168  
 ctgaagtgtt cctcagatct tagtatttac atctaaactc atctggaaaa aaatcatagg 60  
 agggtaaaga atatgaacaa ctttactga atttccatat cttatataat aggaatgaat 120  
 ttaacatgga cacaagtccc agtgatataa ggaataggca agagtagtaa ttcttcacat 180  
 cttataaagt gtaagaactc acctttggga gaaaaatctg gttctaaggc atgtggtaaa 240  
 gcctttgttt cttccactat tggttatttt tctttttttt ttttgaaaca 290

<210> 1169  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1169  
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 cattggggtg gggtcagaga tgtgcaggga ggaaggggga gagggcacgc cagtgaagca 120  
 ggacttatct gctccccctg gctacaccct cactgagaac gtggcccgga tcctcaacaa 180  
 gaagctgctg gaacatgcct taaaggagga gaggaggcag gctgcccacg ggcccccgga 240  
 tctccacagt gacagccact cgctggggga cacagccgag ccagggccca tggagggaact 300

<210> 1170  
 <211> 273  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(273)

<223> n = A,T,C or G

<400> 1170

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tgctcaatga	agtttcagct	tctcaacctt	ctccccctcc	cagggctgtg	gacccagact	120
ggccttgagc	cacagtcctt	ctttccctcc	tccccctctt	ccccctgagg	gctccccggg	180
ctgtccattt	gttactgtgc	tgtgctgggg	attggcgccg	aggtggcggt	agattccgct	240
tgtgtagacc	ttgtganttan	gaagggtctc	caa			273

<210> 1171

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1171

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atcaactacc	tttcccagca	gctcaggctc	aactggaaca	aaactctcac	ctgcccgcct	180
caccacctct	ggcctcggtg	gagaatccac	accctcacgc	ctcagtccaa	gctcaaccga	240
aacaacaact	ttaccgggca	gtcccacaac	accaagcctc	agtgagaaat	caaccacctt	300

<210> 1172

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1172

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ccaaaatgag	agtgtctctg	catttcggtc	attttgtgtg	tggttcacat	tgccccaaa	180
gttcctgcat	ccactctatc	aggaggcaga	aaggggagcat	ctgagacctt	atactgcctg	240
catgcagaag	tggtcctgct	gggtttgttt	ctgtagtgat	gacactttga	atgttttttc	300

<210> 1173

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1173

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cttctctact	ctccaacctt	ccctctgtcc	tggtgggctg	ggaggcagga	cattgggtgt	180
ttaatcatgg	actctgaaga	gtcactgcta	gctgagtttg	aatcccagca	ccctaattac	240
ataggtgccc	ttgggcaaga	tattttactt	ctctgagctt	cagctttctt	acctataaag	300

<210> 1174

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1174

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ctgcaagagg	aaacatacag	aaggagcctg	acatgagaaa	actggggcag	cagttttcca	120
ggaagaggga	ccagcacagg	tccaagttag	aactcagaat	ggaattttag	gaaattatat	180
tcttcatgat	ggttagatcc	tgtgggctat	catcactgca	gttcaacaat	gtgggtgccta	240
gtaggaagag	ttctcccagg	aaccctccac	gtgtgctatg	ggattttctg	gaaaaccagt	300



<210> 1175  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1175  
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 gcatggggcca tgagcgggca ctcccaatac agcttaccgt acaggctttg gacatgccgg 180  
 aggaggggtga ggaacctggg gtaagccaca ggggtgtgga ggggctgtcc ccgcgtccgc 240  
 tgagccctgc tctgccccag ccatcgagac ttgtgtgtgc tacctggact gcaccacac 300

<210> 1176  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1176  
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 gctatcattt ttcattttcg tttttgcagt tgaacatact tttttcactc agagagttgg 120  
 agggacttgc ccaagactgc ccaatggcaa tgagatttca acctcaaatac aatgtttcttt 180  
 ttaatgcaag atgataaaga gtaggattta gcctaattta ggatagaata aagccaaata 240  
 atttaggata ggttctttgg tgttcattgg tgtaattctaa tgcccatgat gcaagtggca 300

<210> 1177  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1177  
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 taattaggct tcagggaaat tgtgaataaa aacataaatc ttgcaatagg gtaggggaaa 120  
 gaaaataatc cactcctga agtgatgaaa tgaagagtgg cttagagagga gaaaagaacc 180  
 aggacaggtg atatattagc aactgtcagt gtgaataatc cagggtatga catttctaata 240  
 ttagcctcac atttaaggtc atttctgatt caacctcaaa tgatccttct agcctactgc 300

<210> 1178  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1178  
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 ttcagataaa aaccagccac caggcatatg gagataacag ggctgaactt aggagaaaag 120  
 cctgggttga aacagagatt cggatatact cagtatgaag gtgatagttg aaactgggga 180  
 ctggatgacc gaaagagatc acccagaaca ccagtacaga gaggagagag ctgaggatgg 240  
 aatTTTTggga cataggtgct tctacagcac atggcaccaa cctctaataa tcacaccact 300

<210> 1179  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1179  
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 accactggca ctcaacgcc atcatcacgg gcaggacagt tctacatcat ctccctccgg 120

cctgaggcctt	cccagggcagt	gtgggaaggg	gggctgcac	tcctggctgg	ggttcacacc	180
taagtttcct	gaggtccaag	ctgacctgga	aagtttctag	tgagtggcac	atcctgtccc	240
aacaagggga	acacgggcag	gatgtgcctg	caccctggga	aaagtgttgt	ctccgcacac	300

&lt;210&gt; 1180

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1180

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cctgaggcctt	cccagggcagt	gtgggaaggg	gggctgcac	tcctggctgg	ggttcacacc	180
taagtttcct	gaggtccaag	ctgacctgga	aagtttctag	tgagtggcac	atcctgtccc	240
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&lt;210&gt; 1181

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1181

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&lt;210&gt; 1182

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1182

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&lt;210&gt; 1183

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1183

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&lt;210&gt; 1184

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1184

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gccatgacaa	ggggcacatc	caggatttcc	gccaccctga	atttagtaga	gctagtaggc	300

&lt;210&gt; 1185

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1185

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&lt;210&gt; 1186

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1186

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&lt;210&gt; 1187

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1187

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actcagtaaa	ttgcgtctca	aatattaata	agttttattct	atgccagcac	caaaaatatt	300

&lt;210&gt; 1188

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1188

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&lt;210&gt; 1189

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 <212> DNA  
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<400> 1189

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 <212> DNA  
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<400> 1190

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tcatttgagg	ccaggagtgc	gagaccagct	tggccaacat	gatgagaccc	cgtctctatt	240
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<210> 1191  
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 <212> DNA  
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<400> 1191

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<210> 1192  
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 <212> DNA  
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<400> 1192

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cctgggtgac	agcatctact	ccatcggggg	cagcgatgac	aacatcgagt	ccatggagcg	180
cttcgacgtg	ctggggcgtg	aggcctacag	cccgcagtgc	aaccagtgga	cccgcgtggc	240
gccgctgctg	cacgccaaca	gcgagtcggg	cgtggcagtg	tgggagggcc	gcatctacat	300

<210> 1193  
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 <212> DNA  
 <213> Homo sapiens

<400> 1193

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gtcactgagc	ttctttttatt	tctgtagtca	aggaatgtgc	acaagtaatg	caaataataat	180

tacttttagt cctgaggatt aggggaacttg ggggatgttc acattacctg atgatgtcaa 240  
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<210> 1194  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1194  
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ttaacagata cctgagtgcc aagcataata aacaggaaat atacacttca aaaaagaaaa 120  
agaaaaatga atgcatactt atcaaatact tgctgtaaga gcattaagta ctttacataa 180  
gtcaaactcat ttaatcctca tgaccctaag aagttatattt aagatctttt gagaatgaga 240  
aaaaaggatg agtaagggtg ggtgatctat gtaaaaacaa taaattctag taactggcaa 300

<210> 1195  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1195  
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tttgtcatct cattcttaga gagctcttga aaaccaaagt atttaaaacc ctgcaagttt 180  
ctgtgcagat gagtgcacaa ttccaccag cattggttcc tgagtaatta gaggaaggaa 240  
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<210> 1196  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1196  
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ggagttgggc tccaaccag gtcagtctgt ttcccaaaac ccttctgttt gactttgccg 180  
ctgaagaaga tacaatgaga tgaagagtct tgggcatgat ggcacacagg tcatcaggaa 240  
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<210> 1197  
<211> 289  
<212> DNA  
<213> Homo sapiens

<220>  
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<222> (1) ... (289)  
<223> n = A,T,C or G

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aatatctttt cttttgagag taccctcagt ttatttctac tgtgctttat tgctactgtt 180  
ctttattgtg aatgttgtaa cattttaaaa atgttttgcc atagcttttt angacttggt 240  
gttaaaggag ccagnggtct ctctgggtgg gtactatncln gagttattg 289

<210> 1198  
 <211> 300  
 <212> DNA  
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<400> 1198  
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 aagttgtaga atttaaagga ggtgaagtaa ggcgatttct atggaaaata tttttttctt 180  
 ctttactcct catgctgagt gcataagaat ttattatttc ccctgaatgt tcaaagtggt 240  
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<210> 1199  
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 <212> DNA  
 <213> Homo sapiens

<400> 1199  
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 catgggtttg ggccgccctt tgaaatgctg gggaggattt gactccttta ctgtcgagga 180  
 gggggaaggg cattgccaca gttgggacag tggcaciaac tcaaaaggaa ggaagaacta 240  
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<210> 1200  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1200  
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<210> 1201  
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 <212> DNA  
 <213> Homo sapiens

<400> 1201  
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 gtccctgcgc tcaagctaca caatctgatt agtgaagtat tactaataca ctagaaaaat 180  
 atacatagta attacaaat gactgacaca attttatagg gggttcagag aaacatctgt 240  
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<210> 1202  
 <211> 148  
 <212> DNA  
 <213> Homo sapiens

<400> 1202  
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148

&lt;210&gt; 1203

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1203

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&lt;210&gt; 1204

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1204

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&lt;210&gt; 1205

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1205

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&lt;210&gt; 1206

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1206

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&lt;210&gt; 1207

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1207

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&lt;210&gt; 1208

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1208

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gacttagata	cgagaacggg	taaagggtag	tgataaaact	tgggatataa	gattgtcttc	180
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&lt;210&gt; 1209

&lt;211&gt; 215

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1209

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&lt;210&gt; 1210

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1210

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&lt;210&gt; 1211

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1211

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&lt;210&gt; 1212

&lt;211&gt; 300

&lt;212&gt; DNA



<213> Homo sapiens

<400> 1212

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catctaata	gttatctttt	gtaattgctg	tgaacttttt	taaataagcc	atttagtgtg	180
aaattgtcat	gtatcaaata	gctattggaa	atggacttta	ctcaatttta	attccactgt	240
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<210> 1213

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1213

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<211> 299

<212> DNA

<213> Homo sapiens

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<221> misc\_feature

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<223> n = A,T,C or G

<400> 1214

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ctatgnngga	ngnatanttn	angagcntgn	ntntanctta	gnentcance	ntggcttann	240
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<210> 1215

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1215

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acttcttcca	taaatgttgg	cttcccttta	tgtttgtttc	tcacctttac	aaagttctgg	180
tgatcataat	catcccaggc	accttgtcgc	cctcctgttt	gctgaaggaa	tttttcaaaa	240
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<210> 1216

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1216

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taagtgcgag	tccagagcac	cacaacctgg	ccttcgcgag	tggcatgttt	gccttgggagc	300

&lt;210&gt; 1217

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1217

ggaaggaagg	ggcaggaccc	tccgacgggg	cagcagtggg	ccagggtgtcc	cccctgcaca	60
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&lt;210&gt; 1218

&lt;211&gt; 290

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(290)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1218

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gacattannc	agattncgnc	tnanaaatna	aaannccncc	ctttaaattc	tgtttttttt	240
tnncttnnng	gtnttttttg	tggagtanat	tttnnnnttt	gnnttctatta		290

&lt;210&gt; 1219

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1219

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tttcagtagg	ctgactggct	cgaaataaca	atttaagaaa	gggggggaaaa	aacctacagg	300

&lt;210&gt; 1220

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1220

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ccctccaaat	gaataccgaa	gttagatttt	gcatattaaa	ttgaaagaaa	gttaaaagcc	240
ttactacttt	ctacttcagt	gtagggngga	tatgcnaagg	nttcnagtc	caaatngann	300

&lt;210&gt; 1221

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1221

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cagcactactg	tgctactttt	cgacaagatg	gtagattgct	tgtggctggc	agtgaagatg	180
gtggagttca	actttttgat	ataagtggga	gggctccctc	caggcagttt	gaaggccata	240
caaaagcagt	tcatacagta	gattttacag	ctgacaaata	tcacgtggtc	tctggggctg	300

&lt;210&gt; 1222

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1222

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gggtgggagag	aaagggtgct	gtgagacagg	agaattgtct	taagcatata	aaacatgtat	180
gattccagaa	tttttagtatg	ttttgtataa	aactattttt	cattacggag	actagaagtg	240
aacagagaat	tacacaagtg	tgactataca	aattgtaaaa	cagatactat	aatatttctc	300

&lt;210&gt; 1223

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1223

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aaattttaaa	cttttttgc	gacaactatt	tatgacttta	ttcaacaaag	tgaaacaaca	240
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&lt;210&gt; 1224

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1224

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caacttcttt	tacttcccc	tcagttggat	ttgtaacaga	gtatctttgg	tgggacactt	240
ctgtgtgaag	agattttact	agcaccctaa	agaatggatt	tctggcaagt	tccacaaggt	300

&lt;210&gt; 1225

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 <212> DNA  
 <213> Homo sapiens

<400> 1225  
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 ctcttccggg taccagctgg acctgcccac ggccaacctc ctcttcaaag gtaaagggtct 180  
 cggttccctt acgcgggaaa caggcaggag gtgactcaac tctgagtgga tgtgtgggcc 240  
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<210> 1226  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1226  
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 atattcatgc tcttgaagac tcacaaaata aaggaaactt tatccagctt tttccagaat 180  
 ttacttgcac atagactcca tttatatagc atgcctattg aactctgtaa atagtgcagt 240  
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<210> 1227  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1227  
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 agctgagccc acatcactcg ttctgtgtgc caggtgtgtg tccatcttca ctgtggaaaa 180  
 gtcattttga actccccgga gactgcaaat taagtaatca aggacagatg ggactggggt 240  
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<210> 1228  
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 <212> DNA  
 <213> Homo sapiens

<400> 1228  
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 accttaataca gaaagattaa tttctgtcct ttcagtcttc tttctgtgct cataaataag 180  
 cattgtttct ttttaatcaac ctgggcagta tctttctcat ttttaacagt gtctagagct 240  
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<210> 1229  
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 <212> DNA  
 <213> Homo sapiens

<400> 1229  
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 gtaaattctg gtttaacagct gaggagtagt attactgcaa gtgttcgtca cttgttgctg 180

tatacatctg tcagtccttat caaggaaatg tggaaatgggtg aatctgcttt acaatgagta 240  
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<210> 1230  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1230  
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 actctgtagc caacatacac atgattttaa accctttcta aatatctatc atggttcatc 180  
 cttgtccaat gcagagtcag agctatttgt acttcattac tattcgctt ggaaataata 240  
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<210> 1231  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1231  
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 gcagctcccc tgtgggcctt gccaaatggg ttggctcaga tgtgctacag caaccctgc 180  
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<210> 1232  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1232  
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 gaagaccttt gtttgagttc tgccacttta gtagtgatac atctcagaga tcaacctctt 180  
 taatgcctgt ctttggtccc tggaaacagag tttgtgttcc cttttgtgtt acaacagaac 240  
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<210> 1233  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1233  
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 gcccttgga tgtcaatggc ctggtctaca ttgagaatga agactgagaa agggcttctt 180  
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<210> 1234  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 1234

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agtggaaatgt	ttctagtgtt	tgtgaagata	tcaattgctg	gctgatattt	taagctggat	180
gaaaaatgtg	gggtgaagtaa	tcttaaagg	tgatagattt	gatatgagaa	atttaaagta	240
atgtgctcag	tgcgtagtg	tgataaaaga	atgtagccta	cttgttttcc	atagactata	300

&lt;210&gt; 1235

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1235

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gctgaagtca	caattcactg	atggaaaagt	tgaaacagct	ggctgtcctg	aaacaggaga	180
tgtgccattg	atagatctac	tggatccaga	gtgatttggc	caaagttaat	catttctttc	240
ctgacttgaa	aaattgttca	ttatgtatgt	gaagttgcct	tagaatagag	catcatctta	300

&lt;210&gt; 1236

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1236

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ccaaacatac	caagcaacag	acagaagcgt	cacttggaga	gaagaagaaa	gggttaactg	120
gcagagctac	tgtaaaaaga	ggatagagga	gggtaagttt	gaaagtggcc	atgggcaaga	180
attttctcca	gatagctctt	gattataatc	tctctcacct	ggattatttc	ccatctcctg	240
acagtttgtt	ctcacataac	tatcagcagt	cctctcaaca	cagaatcaga	ccatgtctct	300

&lt;210&gt; 1237

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1237

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gaccagcagc	ataagggtc	cagggtacca	cagtatccat	catttgtctt	atggccaccc	240
aagtacacct	gtttacatga	cttactgggc	ctgtgtagaa	attgcagttt	gtgataggat	300

&lt;210&gt; 1238

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1238

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gttcaggtct	gggtggcatc	ctgagaaagg	gagcaaggca	gtgtggtgat	gccaggtgca	120
agaagtggg	ggtgtccaga	gggaagtgag	atgctctgca	aaaaagtcat	agggcatctc	180
agaaaataga	gccacttttc	ttgatttccc	agaaatagtc	actcactcaa	agcccttgta	240
tgtgcagcag	atttctactga	tgctttaagg	aggagtttat	gctgcaaaaa	agcaagctat	300

&lt;210&gt; 1239

<211> 230  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
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 <223> n = A,T,C or G

<400> 1239  
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 catctctgac tcggaagggg cttgttcgag ttgtatTTTT tccattgttc agcaattggg 180  
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<210> 1240  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1240  
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 tataaaggaa agagaaaaaa taggactgtg gcttagtttg ggctctgttg actgactata 180  
 aaagtgagcc aatcacatag taattttctg acaaaataga gtttaggtta aggcttaggt 240  
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<210> 1241  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1241  
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 cctaaccatt cagtcaggaa ttaaaatatg gcattgtata acaactggga agaagctcat 180  
 agtggatata aattagagta gataatgggt caccttgata gcctctgttt acattacttg 240  
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<210> 1242  
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 <212> DNA  
 <213> Homo sapiens

<400> 1242  
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 ataaatagac agatgataga tagtcagata gagagagaga gagagatgat atagatatag 180  
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 <211> 300  
 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 1243

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gatggggcct	tagggccccc	ccccgtctag	cctggcccg	cctgcgcgag	ccccgcaagc	180
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&lt;210&gt; 1244

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1244

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&lt;210&gt; 1245

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1245

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&lt;210&gt; 1246

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1246

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ctgaagaaaa	aacttgctcag	gtctgaagaa	aacatctcac	ctgacactat	tagaagcaat	180
cttcactata	tgaaagaaac	tacaagtgat	gatcccgaca	ctattagaag	caatcttccc	240
catattaaag	aaactacaag	tgatgatgta	agtgtctgcta	acactaacia	cctgaagaag	300

&lt;210&gt; 1247

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1247

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&lt;210&gt; 1248



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 <213> Homo sapiens

<400> 1248  
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 ggtcaacctg gcaaacgttc tacacagagc acacttctct gctgatgctg ctgtcgtggt 240  
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 <213> Homo sapiens

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 cccgagagca tccagtttgt gctggatgag gactcctacc tgggtgcctga gctcgatggg 180  
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 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1251  
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 cctgagctga taagcaccaa ggcagtgggc cggagagagg agagatgttt aagaggtgtc 240  
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 <212> DNA  
 <213> Homo sapiens

<400> 1252  
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 gtgattttct gtgaaatctt acgcatagga tttctgtggt cagggtttga cgtctgatct 180

tggtcgtcag ctcccccttgc tcaagaatgc aagtgcatta cctctttaa at tttaaaagct 240  
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<210> 1253  
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 <212> DNA  
 <213> Homo sapiens

<400> 1253  
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 gaattactag gaaatttcat ttttatattt agtgggagaa agccatctac agcatgtctt 240  
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<210> 1254  
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 <212> DNA  
 <213> Homo sapiens

<400> 1254  
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 tgcagctgag gcagagtaag taggaaggag agagggtcagg gctgagatca gggaggtagt 180  
 ctgaggcccc tctgtggggg acctgataaa tgtgtttgaa ttcattttga agtgtaatat 240  
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<210> 1255  
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 <212> DNA  
 <213> Homo sapiens

<400> 1255  
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 aaatagtttc aatggaatag gtcgaaagta aagggaacatc actagagtaa atgctagacc 180  
 ttcctctctc ttttattttt agcaacagca aagcagaaac taagatctac aagtgatcaa 240  
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<210> 1256  
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 <212> DNA  
 <213> Homo sapiens

<400> 1256  
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 tgcaaatgga cctcagtggt gggagatacc ccagagtga ctcactctgt atttatcagc 240  
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<210> 1257  
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 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 1257

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&lt;210&gt; 1258

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1258

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&lt;210&gt; 1259

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1259

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caatagctat	tgaatgaagc	cacttgctga	gtcagtaact	gaatgtctat	gtatgatatt	180
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&lt;210&gt; 1260

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1260

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tcacagttta	agcttgggaa	gaatgagtga	gacttggcaa	agaagggggg	acaagaatat	240
tatcataaga	gtgaagaaag	ttgggggacc	tcaagtgtaa	gagaagagaa	gaacttgctg	300

&lt;210&gt; 1261

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1261

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aacatgctgc	aggaactgtc	aagtaacagt	gattattgta	aaaaacgagc	tttctaattt	180
ccttgctcgt	tacagagtaa	tctaagtga	aattttccaac	gtcctatctt	tacaaagaaa	240
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<210> 1262  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1262						
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aagaacactt	ttgaactatg	taatgcttcg	ccctgaaagg	caagctaacg	ctaacttccc	180
aggtgacagt	agcaggaaca	aggaagggtg	atgtttccat	gacagacact	tgcttccctt	240
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<210> 1263  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1263						
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acctttttta	attatgttag	agatgtatat	aggattttta	aggtcactgg	gagcgtttct	180
gattccccgg	cacactttgc	atttcaacac	tcagccccga	aagatgctcg	ttcggttggt	240
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 <212> DNA  
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 <223> n = A,T,C or G

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ttagtagagg	aaaaccaaaa	cccttctttc	cgtcaaaaatt	ggatttgtaa	ttaaaattgta	240
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 <212> DNA  
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<400> 1265						
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gattttttga	agaattcggg	cttcttttaag	acgatccatg	cccaaatacca	caagcttggt	180
gacagtggat	tacagtttgt	gtggcaaagt	ccaagttggt	acactgtgct	ttaaaaaaaa	240
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 <212> DNA  
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<400> 1266  
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 agggcaaggg tagaaatcat gttccagaac tcagtgtgag ttgtaggcat gaaagaggag 240  
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<210> 1267  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1267  
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<210> 1268  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1268  
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 cccaggggaa tccccagcaa gggttcttct ccagcttctt caccagcaac cagaagtgcc 180  
 agcttaggct cctgaagacg ctggagacaa atccatatgt caaacttctg cttgatgcta 240  
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<210> 1269  
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 <212> DNA  
 <213> Homo sapiens

<220>  
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 <222> (1)... (300)  
 <223> n = A,T,C or G

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 actccagcct gggtaacaga gcgagactcc atctcaaaaa aaaaacaaac caaaaccaag 240  
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<210> 1270  
 <211> 300  
 <212> DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1270

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ggagagccat	tctcaaatct	gacctctggac	tgagctcgag	agctgggttg	agagctgggt	180
tgatcaaagt	tgggattttg	ctattattgt	gacaaagggt	ccagccttgc	agtccagatc	240
ctgaaaggcc	tgggacaagg	ccaggtaatt	tggggagttc	gtcctgcatt	gtgcaggatg	300

&lt;210&gt; 1271

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1271

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tcaccagggc	tgaactgcag	tgggtgtgatc	taggctcact	gcaacctcca	cctcccaggt	180
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cccagcta	tttgaatttt	tagtagagac	agggtttcac	catgttggcc	aggctgggtc	300

&lt;210&gt; 1272

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1272

aacatctcct	cttgtcatte	ctaggacata	gacgggttagg	gaaactctca	tctttccttc	60
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&lt;210&gt; 1273

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1273

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&lt;210&gt; 1274

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1274

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<210> 1275  
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 <212> DNA  
 <213> Homo sapiens

<400> 1275  
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 ctaaacttct tctgaaatgt gctctctgga ttgaagtcaa gagtacatgt tgcaacaaag 240  
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<210> 1276  
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 <212> DNA  
 <213> Homo sapiens

<400> 1276  
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 agtctgagc aggatattcaa gagagcaaag gcagagatgc tggacagggc agcacaggag 180  
 gacgagtgtg catggctact ctgagcaggg ctgggttcctg ggctgggttg agcacagcat 240  
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<210> 1277  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1277  
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 accctcatag gcttattata aggctcaatt atgataatgg tgtgaaaact ttgaaaatta 180  
 gacttcagag aaattgagtt aatctgggat tatttatcaa tgtcttagta accaaaagtt 240  
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<210> 1278  
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 <212> DNA  
 <213> Homo sapiens

<400> 1278  
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<210> 1279  
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 <212> DNA  
 <213> Homo sapiens

<400> 1279  
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gatgaatggt tctcaaatat attgtaatgg agaattattc acatgcatct attgtttaaa	180
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&lt;210&gt; 1280

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1280

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&lt;210&gt; 1281

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1281

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&lt;210&gt; 1282

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1282

acacagccct gggcaggaag ggaggcagga agagagatcc tcaggggctg ggctggagga	60
gcaaagccag ccaaagggga gtgagagggc agtcaagcgc ctagaagcca aggaacccca	120
ggaggatggc atcgggcagg tgccctctgg tgcccagaga caaaaagatg tgtgggaagg	180
tgacagaatc aagcggtaag gtcagtgcct tgagggagca ggcaaccacc agcctccagt	240
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&lt;210&gt; 1283

&lt;211&gt; 296

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1283

gtctgtgat aaaatattta accccaagaa agtgaaaact aatataaaat tagaaagacc	60
tatccaaatt agacagtcaa ttccattaaa ataagaagtg agaaaaacaa tgttgggcat	120
tgaggtgtaa attttgccca gatgtatacc cagtgtgaaa tatcttctaa taaaaatata	180
tttggtcttt atccctgcac atgtagaggc ataaaaattg gtaaacaatgt cccgctgtgt	240
agaactttta aaaaaaggca tttttgaaag tgttgagtgg cactgataaa ctggtg	296

&lt;210&gt; 1284

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens



&lt;400&gt; 1284

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&lt;210&gt; 1285

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1285

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&lt;210&gt; 1286

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1286

cggacccatc	ggagcgtaac	ctggatctcc	gcaggcctgg	cggaggccgg	ccacctggag	60
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acagttcttt	acatggctga	ttcagaaact	ttcattagtc	tggaagagtg	tcgtggccat	180
aagagagcaa	ggaaaagaac	tagtatggaa	acagcacttg	cccttgagaa	gctattcccc	240
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&lt;210&gt; 1287

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1287

ggccatttcc	ccagcaatta	cttagataat	agggggactg	ggttgggtgg	gaggaggtgt	60
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gaaaccccca	ggatgtggaa	gaaaaacagg	tagcattttg	ctttcataat	gcaaagacct	240
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&lt;210&gt; 1288

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1288

aacatgaggg	ccctctatgc	cagaagtga	ttcatctcac	aaaacatggt	gactctagac	60
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catcacctgc	acatgaaccg	ctttcccccc	atttcttaat	catgaatttc	tgtgtcttaa	180
attattaatg	gctaagacta	ggctctggcag	ttaatttctc	tctcctggat	ttttggccca	240
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&lt;210&gt; 1289

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 <212> DNA  
 <213> Homo sapiens

<400> 1289  
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 aagcgaggct gcccgcgac ggcgctggag tactgcaagc tcatcctgag tctcgagccg 180  
 gatgaggacc ccctctgcat gctgctgctc atcgaccacc tggccttgcg ggcccggaac 240  
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<210> 1290  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1290  
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 ttccacttag aatttttgga ctttgttctt aatgaatagg ttcattttca atttcaaagc 180  
 aaagtgttaa catttttgaa atttgtctca attctaaagg ccaaacttaa atatgtctcc 240  
 tcctactggg gcatggagca agttattcat caaatacaga ttctcgcatg gaaaagaaag 300

<210> 1291  
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 <212> DNA  
 <213> Homo sapiens

<400> 1291  
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 tctgttccca cttctcccag aatagcctag gatgggcaac catgtaaaat tcaataaaaa 120  
 tccaaccttc taactaactc gtggtgttgg agagtattaa gcatttgaaa agttcaggta 180  
 gaattttcat cctttttgag ctctttccta gctgctttgc tgtgatatat ctgtcactcc 240  
 agatgagggg gtagtggtgg aaaaggaatg cattctcaga ttcattgttg gtagttcaaa 300

<210> 1292  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1292  
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 gctcagcaat ttcgggcagt tggtttgatg gttatgtagt aatgtagcct gagagcagaa 180  
 atacagagcc tctgggctag agaaagtata aatggcatcc taggctatgt agggttacag 240  
 ctcttcagaa ggaactttca ttttcattgt gacacatcgt ctacatgttg tagaagaaca 300

<210> 1293  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1293  
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 aaggattctt tttttttgtt gtacatgaat gttcatatca ggtttatttg taatagccaa 180

aacagtatac acctgaatgc ccaccaacaa gtgactagat aagcaaagta cggtagatgg 240  
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<210> 1294  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1294  
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 tgtcctaccc aaacctgtgg ccgccacttt tgaattctca gattgccctg aattttgcca 180  
 cttttaaata atgtgctgaa taagctcagc aactaaaaac cattacccaa gaacgtttct 240  
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<210> 1295  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1295  
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 agatgctttt ccagggcaca aattgggaat ggaaatcacc tagttccgtt ccctctgaca 120  
 gctgtaatcc agagagctaa gctgcttact tcattagctt ggtataagct gacgacagca 180  
 gtgcccttgc tttatatattg tcagagctag gaaataagcc ttcttttttt ctgctgtaat 240  
 catagttacc cttgaactga aatatcttac atttattctc aagcaggtag ggagaggaga 300

<210> 1296  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1296  
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 cacgatggga aaagggattc caattacgat ttaacttgta ttttaaagat gagaaaagaa 120  
 atgaataaga aaattttgtt ctatttttct tcttccaaat tagaatctat atctctaaaa 180  
 atactttgca tgttttagtaa acatccatct tgaacagaag ataccttgac atcagttcta 240  
 ttttaatactt atggcaatta agagatttag aaagcagagg aaaagaccaa aaaaaagtat 300

<210> 1297  
 <211> 289  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... 289)  
 <223> n = A,T,C or G

<400> 1297  
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 gttcttttct tgtaaaaaaa aaaaanccgc nnaacaatnt tggcctttnt agctnggnaa 180  
 cccnnggccg gncaatccct nctnctctcn aagcctcggn ttctctccct gaaaagtaaa 240  
 gaaaataact cctaaactgc ctcccnaggc ttgctggcag gatccaagg 289

<210> 1298  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1298  
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 gcctaaatga ttcattatct taaatgtact aaatatgttg agtaattttt tcttctaaac 120  
 taacagaaag agagaaccta ggagttactc ccttaggctg gttaaagtga aaggtagcca 180  
 agtcaaccca gcttgtttcc ttctctcatt aggaaagaac tattgttcat tctcataaca 240  
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<210> 1299  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1299  
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 atattgaaga ccacttaaaa acaaacaaaa aaacctatga aggtgcatgc tatttcccca 180  
 gagctaaaaa gataagtga attgtgtttg aactcttaag tggaggtgaa gcagaattta 240  
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<210> 1300  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1300  
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 gacttttttg tttttgtttt tgttttaagc agtaccattg tgcaccttgg gaaaattcct 180  
 gtgttgatct aattttacca tattcttcac tccactgacc actccaatta ggatactcct 240  
 ggcactcttg gttttagaga ggcttagata tgtggctatt tatccttttg tcttcagcac 300

<210> 1301  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1301  
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 tcccacagct gaggtctatt gtcacgctc cacttctatt ttagcagca ctaaaaacat 180  
 tccccaaaaa aatgtttttt agctttttta ctgcgattca ccactaagaa attggcattg 240  
 gaacagtcca cagagcttat tcaaatttca cccattttac atgcactcat ttgtgttgca 300

<210> 1302  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1302  
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cctcaggaag atgagggcct tatgggcatg tccccctctct tacaagccca tcatgctatg      180
gaaaaaatgg aagaatttgt ttgtaaggta tgggaaggctc ggtggcgagt gatccctcat      240
gatgtactac cagactggct caaggataat gacttcctct tgcattggaca ccggcctcct      300

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<210> 1303
<211> 299
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1) ... (299)
<223> n = A,T,C or G

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<400> 1303
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tcgtcttttt ctttaaaaca gtatgaataa aatctggaca gctgtcgaaa aagatatgcc      180
gtctgcattt ttttttaatt tctagccacc accataacta aatagcttga atagaacctc      240
ttttcttttt tttcccttc atacataang atctctactt cnttaaaagc gtattaatc      299

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```

<210> 1304
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1304
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gaagtcttct aaaagtaacc caggagcaac agctgagcag tgccagagtt gtgaggtaaa      120
catcaatcat ttcacaaatg ttctgacttg ttgagcagtg ttcatttcca ggtttcaaac      180
ttaaagtatc tattaagcaa tcttaaaaga aagaacaccg ccttaggaaa aaagagattt      240
gccaaactct tcatacttcc ttcaataact gcttagcaaa cactcttgag tgtcttctat      300

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<210> 1305
<211> 298
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1) ... (298)
<223> n = A,T,C or G

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<400> 1305
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ggtgtctggt tctgattctt atcacaactt gctacttagt gtctaccaag tctccacct      180
ctttgtctct caaagagctg tgaacactga tggcaggagc cggcaccacn ccacnnaact      240
agaganncnc ncanagctgc catacnggcg atcnctgacn tcanacttcc ccctctaa      298

```

```

<210> 1306
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1306

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gcttccccctt	cattggcatt	aatctgggca	ccagctctct	ccatagcagt	gacttccctc	180
accactctca	tctctcagcc	ttgccttttc	ttcctgacac	tgtcgccccc	tcctctcagg	240
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&lt;210&gt; 1307

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1307

gtttgttttt	cctgagacaa	gaaaatcgca	ttcttgttta	tatttgaaga	tagcaacttt	60
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&lt;210&gt; 1308

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1308

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&lt;210&gt; 1309

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1309

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&lt;210&gt; 1310

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1310

ggacaagtcc	aagaaactgg	cggagcaggc	tgcagccatc	gtctgtctgc	ggagccaggg	60
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&lt;210&gt; 1311

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1311

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&lt;210&gt; 1312

&lt;211&gt; 132

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1312

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atactttgta	tt					132

&lt;210&gt; 1313

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1313

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gcctaagagg	gctagtggaa	tgctagaatg	aactcattta	ccttcctttg	atatttaggg	180
gctctattgc	ctgctaattt	catcactgtt	atttttctta	cctcttatct	ttttccctgt	240
agttattatc	agcctaatat	tcattcattc	attcattttac	ctgagttttc	aggcttgtgc	300

&lt;210&gt; 1314

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1314

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ccatcgtagg	cagtcacact	ctttctctct	tggtatcatt	gctgtgggga	agcaaactgt	180
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&lt;210&gt; 1315

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1315

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cagtgggagc	aatgggtgaa	atagcctttc	tattttatct	acccaagtct	gtgtactcct	180
catccttacc	agggccccta	actgatcttt	ccactaaatt	atgtgtgtca	cagcgaaatt	240
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<210> 1316  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1316  
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 ttgttgtgct gtcttctcat tagcatgcaa tattcacttg actgaattcc ttttttagcta 120  
 agagaaatat tacagggcat gatcatttta gggtattaag gtgtctaact caatatgtaa 180  
 actgctgaaa agaattatat gtttttatca gataatctca acatttcaaa agacaacaca 240  
 ttcagactac tcccctttcc cccaacttt tatctagtgt ctgaaaccac atgactagtg 300

<210> 1317  
 <211> 55  
 <212> DNA  
 <213> Homo sapiens

<400> 1317  
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<210> 1318  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)... (300)  
 <223> n = A,T,C or G

<400> 1318  
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 gggtactcca ttctgctatg acaacttggt tcaaagtta atttacatag gattttttat 120  
 aagccattaa ggcatatgta tagtatatca gtaaagatgg atgggtgcata tataaatagt 180  
 cttctgtaat agtgattgga tttacttctg gattatnaga gactcaaaat nttccccanc 240  
 ctgtctctat cctttcncag gttgatccct tgtcatgatt tttcattacg gtgggttcagg 300

<210> 1319  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)... (300)  
 <223> n = A,T,C or G

<400> 1319  
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 agattctgct tactagtcag tccccaggcc caggccactc gcaaggggag gacattacag 120  
 gaggcgtgag tatagggtgg gtgatctgtg gggaccgtcg cagaggctgc ccaccacaag 180  
 gggttaaaac ctataaaact tcgaagttgg atttaataat tttcaattac taggaaatag 240  
 ataaaaaaca attttctgtc cttcacagaa cactaaagta tgtattggat tttttatccc 300

<210> 1320  
 <211> 300



&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1320

gtacaactct	taaagctttc	tacattttac	atatacagtc	atctctcagc	atccgaggaa	60
gattggttcc	aggatggctc	aaggctcctga	tataaaattg	cgtagtattt	gtatataacc	120
tatgtacatc	ttctcgtatt	ctttaatctc	tagattactt	ataataacctg	atactatgta	180
gatgctatgt	aaataattgt	tatactgtat	tattttcaaa	ttgttttatt	gctattttta	240
ttgcttttcc	ctgaaatatt	tttaatccac	agtaggcgga	tgcagaacct	ctttatacgg	300

&lt;210&gt; 1321

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1321

gtgaattcct	cagcaccaag	ttgtttaaca	cagaagagag	gtggaaacaa	aaaatgcttg	60
gattttactg	gctttctttt	agcatttctg	tctagtcgaa	atggggggcca	ggcttgccaca	120
catagacaac	tgaatgaatg	taaccggacc	tattccatct	aggctgacct	cttgaaagat	180
aggaggggaa	gtctaaaaca	ggagaaaagt	tttagaaatc	ctttggatta	ggcttaccaca	240
gattagtggg	atgtaaaata	ttatgatatt	cttagtggtt	caggattatg	gatttttaagt	300

&lt;210&gt; 1322

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1322

taaacatcca	gatgtgtttt	gatagcctgg	ggtaattaag	gttgaggaca	agtgtaccag	60
atcaaggaga	ggaacccgtc	ccatgcctgc	cgtgtgttca	ggtaggctaga	cttgttggtg	120
catctgttag	ttccactctt	agtacatcat	tgtgctgtga	gggtgcatta	gccgccgttt	180
aatttttctt	ttgttttttag	agacagtgtc	ttgctctcac	cccggcttaa	gtacagtgc	240
atgatcatag	ctgactgcaa	cctcaaactc	ctgtactcaa	gtgatcctcc	tgtcttagtg	300

&lt;210&gt; 1323

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1323

ctcgagtttt	cttatccagt	tgaggccgcc	ttcgtgttac	tactctctctg	cctcccaccc	60
catcttctgc	cacccgacct	ccatctttga	tggttagcgc	cttcagccct	caacagcttc	120
gcacaaccaa	cccctagaag	cgtggagtc	agaccggcca	gggtgggacc	taggttttaa	180
ctcgggttct	ggctacacac	gctgcgcctc	catacagttt	gtcccagggt	tggcagcagg	240
ccggctacct	tcagggaattc	tttgctttgg	cttctgtctg	ttcctgtctg	ttgggcaagt	300

&lt;210&gt; 1324

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1324

cgccgggctg	cccagcctgg	ctctgtctac	actggccgag	tctctgggtc	tgtctacact	60
ggccgagtct	ccgactgtct	gtgctttcac	ttacactcct	cttgccaccc	cccatccctg	120
cttacttaga	cctcagccgg	cgccggaccc	ggtaggggca	gtctgggcag	caggaaggaa	180
gggcgcagcg	tcccctcctt	cagaggaggg	tctgggtggg	gcctgctccc	catcccccca	240

agccccacca gcactctcat tgctgctgtt gagttcagct tttaccagcc tcagtgtgga 300

<210> 1325  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1325  
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 gacttgccaca gtgcttttct tagactgtgg taaggggtgg atgtgggggt agtgccaaga 120  
 ccaagtgaaa gaggtctctg gacctccatc cttgcttcag ccagagcagc gtgggttcat 180  
 ttcatttttg gattttggtt tgtgggaaga aagggttctc ttgccggtgt gtgtgtttct 240  
 gataaaca aa gaagtgtgga agtggctgaa tgagatgacc caaggactct ttctgggaag 300

<210> 1326  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1326  
 tttagagaaa gctggtagct aggctgttca aggaagggcc tctgtgagaa aggggatggt 60  
 tggctgggtg tgggtggttca cgcctataat ccagcactt tgggaggttg ggagtttgag 120  
 accagcctga ccagcatgga gaaaccccgct ctctactaaa aatacaaaat tagcccgga 180  
 tgggtggcaca tgctgtaat ccaggctacc tgggaggtg aggcgggaga attgcttgaa 240  
 cccgggaggg agaggttgta gtgagccgaa atcatgccac tgcactccag ccgggcaatg 300

<210> 1327  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1327  
 cagctactcg ggaggctgag ggcacaagaa ttgcttgaac ccgggaggca gaggttgag 60  
 tgagccgaga ttgtgccacc gcactccagc ctgaatgaca gagcgagact ccacctaaaa 120  
 aaagtataag aaaaaaaaga ggaagaatta gcacatttct attacagaat tggacttgaa 180  
 catgcaaaat catgtctgga tttctcagtg aaaagctgtt ttacgttagt ggactcttct 240  
 aacattttga aatggtgatc tggatttggg atctggctat cactgaccca ccttgggtct 300

<210> 1328  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1328  
 ggcaaggagt ttgaatttta ttcaagaatt ttattcaaga attttattta ttttattctt 60  
 gaattttatt caagaataat ggctagccat tgaagagttt aaagtaggga aacagtgtt 120  
 tcttattcac attttgcaaa gttctccatg ggctactatg tgaataatca gtccaagggg 180  
 gaggtgaagag tagaagttgg gagactagtt acaaagtcac tgcagtttgg agattatggc 240  
 accttggtgact gtaggtgata gggatggaga tgacgataag tgaatatatc cagaaaaat 300

<210> 1329  
 <211> 294  
 <212> DNA  
 <213> Homo sapiens

<400> 1329

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aaggctcagg	actttcctag	gcagataaaa	gaagaaagaa	gctgcttttt	gaaaagaggg	120
atcaagatta	tgacaaaaag	ggagattcag	ccatcagcag	aacccaaatg	agagcctaca	180
aagagacact	gtctactcag	agtacatctt	cagacatcca	gggtcccaag	ctactgtgtt	240
tactgttagc	ccttatccat	tgttatgtct	tactgcttta	taactcttct	ttaa	294

&lt;210&gt; 1330

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1330

gtggatacct	ctagtgcaat	ttataagcaa	tatcgtttac	aaaagggttac	agagaagtat	60
ccagaattgc	agaattttacc	tcaagaactc	tttgctgttg	acccaactac	cgtttccaca	120
ggattgaaag	atgaggttct	ctacaagtgt	agaaagtgca	ggcgatcatt	atttcgaagt	180
tctagtattc	tggatcacccg	tgaagggaagt	ggacctatag	cctttgcccc	caagagaagt	240
acaccatctt	ccatgcttac	cacagggagg	caagctcaat	gtacatctta	tttcattgaa	300

&lt;210&gt; 1331

&lt;211&gt; 298

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (298)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1331

actttcaaca	tttcatggat	agaataagta	atgggtgggtt	agaagaagga	aaacctgggg	60
atctagttct	tagctggggg	ggacaatttt	gaagctcgaa	tgacaataaa	taccagcttg	120
gaatgaactt	ggaacaaaca	tggatggaaa	tctgggggtca	agggaaaatg	gcagtttcag	180
gggaatatac	cagggttaata	aatccnggaa	aaactgnttg	gtttgngggg	gnctccacca	240
cttggaagtt	gctgnaanna	ttgatgnaaa	gaactctgaa	annaaaaggt	gttggggca	298

&lt;210&gt; 1332

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1332

aggatatggt	gcactagtgt	ttccttgtga	ctggaatatt	ctctgcccc	actttgaaag	60
gctagttagt	tacttctcat	cattcggggt	taggttaagt	gtttcctcct	tagagttctt	120
ccttgattta	tcttcccccc	agtctaaagt	gccagtcaca	ttaatctggt	ttatttctcc	180
atacagcact	catcactgat	tttttaaaaa	tctattttgc	catctttctc	tctcactgga	240
atattatgtg	ctcatgaaga	agctccttgg	ctattttgtt	cctgatectc	tgcgctgcat	300

&lt;210&gt; 1333

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1333

aaaaatttta	tggacttcta	tggatatttc	ttgatgctta	gagatttggt	tttttaattg	60
caaatgtgaa	tagtctatct	acaaatgcta	ttacatatgg	agcgggcctg	tgggtgatgg	120
cactattcct	tggactaatg	gtacccaggt	tccattctct	gctcagctcg	gaggetctag	180

acaaagcccc taaaatgctg tctgcttcag tctccttaat ggtgaagtgg aaatgaatac 240  
ctactgtcac ttaactcatg gagatgctgg actgataatt agatcatgta agagcacttt 300

<210> 1334  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1334  
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tctggggggcc acacagctgc tgaggcggcg ggttgaggcg gcccgaaagg acccaggggtg 120  
ctcaggcctg gttgtggata gcggcctgtg tggagaggag ctgcttgtag gcagtgagga 180  
ggcggacagc atcaccttgg gccggtatct ccggcagctg gcacgccatc ggaacttcct 240  
gtggttcgtg agcatggacc tgggtgcagg gtcagtggctc acgctgtaa tcccagcact 300

<210> 1335  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1335  
caagaagaaa catggcggct atccttctct cacatcgaaa aggaaatfff gaacaatcat 60  
ggaaaatcta aaacgtgctg tgaaaacaaa gaagagaaat gttgcaggaa agattgttta 120  
aaactaatga aatacctfff agaacagctg aaagaaagg ttaaagacaa aaaacatctg 180  
gataaattct cttcttatca tgtgaaaact gccttctttc acgtatgtac ccagaacctt 240  
caagacagtc agtgggaccg caaagacctg ggcctctgct ttgataactg cgtgacatac 300

<210> 1336  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1336  
aaagcctaac tagttatgat aaatgtatcc gtaagtaaag taattaagcc agtttggggg 60  
tggcagagga attgtgccag acatctgtgg attttgcctac ccagcagcat tcgctcttct 120  
cctggttgtg gggccccagc cctgttgcta ttacctggaa ctaaaggcta agatgatggg 180  
tcaaagatga agccaccatg gaagagagca tagcggacag atggagagaa actgcatcca 240  
ggtgacccca tttgtactaa acctggttac ctggtttttc tttagtacat atgccagttt 300

<210> 1337  
<211> 292  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(292)  
<223> n = A,T,C or G

<400> 1337  
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aaaatactgg aattattaaa acgtatagta tgctagctat cctttttaat tatgctaatt 120  
ctcttcttct gaaattatgg tcacactata tactatagca tttcggtttt atcctttgat 180  
aaaacttttc ttttttcttt ttttttttga aacagggtct naccocgtcg nanaggctgn 240  
agngcagggg caaagnctcn actnantgca gccttgacct ccnggnccca gg 292

<210> 1338  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1338  
 caaagtcata ccaaaacttc acttaagagt ccctaccctt actccagtgc ttatttcatt 60  
 atctagcaga atgtaccttt atttgattca ctatttacca ctgattaaag tggagcgtct 120  
 gtggagttat acgttacttt gtagactttt gtctagtga atacaaaaga caaccccaaa 180  
 gggtataatt tttttgccta tagaacattt caggaaacag gagtaggatt tttgtctata 240  
 atatagcaaa cttgcttcaa cataccttcc acaacttaca aatgctcttt gaaccagcct 300

<210> 1339  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1339  
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 ctctgttgct ctctgtgtgt gttcctttgt cctgatacct gtcaccttgt ggggccaaaa 120  
 tggttccact agcctcatgg agcctggcct tacattgcag agtccaaagc aggagctgag 180  
 ggaaaatgaa aaacaacttc ttcatacccg gaagcccagc aaacttctcc ttaaaaatca 240  
 ctggtcaggg ctgggtgcag tggctcacac ttgtaatgcc agcacttttg gaggctgaga 300

<210> 1340  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1340  
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 gtcagtgaag gtcacatct tgaagatatt ttgagcaaaa gtaacctgaa cccagatgcc 120  
 aaggagttta ttccaggaga gaagtactga gccgagaaag ctttgaggaa gacttgctctg 180  
 tccccacatc tggggatagt aatgcacaaa atgggtggagc tgaagagggg gatggggcgg 240  
 gcgagggggtg cacagcggga aggggagtggt tggctctaca atactgtgac tctgagtaac 300

<210> 1341  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1341  
 ggccttccag atcgtgctgt cccacctacc tgcaccgccc aggccttcca gatcgtgctg 60  
 tcccacctac ctgcacatct gccacagctg gccctgggcc caccaccaga agggcctggg 120  
 cctaaccctt tggcctggcc cagcttccag agggaccctg ggccgtgtgc cagctcccag 180  
 acactacctg ggtagctcag gggaggaggt ggggggtccag gagggggatc cctctccctt 240  
 ggggctgccc ctgtggaggg ggatcccgcc tctagaacta tagtgagtcg tattacgtag 300

<210> 1342  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1342  
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 aattgaataa cataatttat gtgaaaacac ttaattatga atgctgtaaa actatcaaag 120

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ccattaatat gtgttatagt agcatcatac attttgcagc ataatccaga gaacaaggag      180
ttgttaacaa gggagaggaa gataatctgg ttgggctagt attatactct cagggtgctac      240
tgacttctta gatgaccttc aagatgttag tacaactctc tacttgagaga tgctattttc      300

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<210> 1343
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1343
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tatgaagtta gtgaagtcag ttgaaatgtg tattttaaca tttgaaggga tacagttaac      120
atttttttta tgagaggaaa ccattgtctg tagttcagaa ataagatgga gtgttttact      180
tatttaaggg gtaattttaa aagtaaacaa aagcattggc ctacaagaga aaggatgatgt      240
tggattataa gtgcttttttc taatcgtaa tattaatcaa caggtagagta tattttccgt      300

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<210> 1344
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1344
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gcataggagg gaagttaatc cagtcttaga tcagcagggc tgagttcttt ctcagaacca      120
tagttgaaaa agcctaaata gaatttttag aaagttctat ttagaaagaa actaagaatt      180
atgattaagt tttggcctaa gcaacttaat aggcatgggt atcattttatt gagaagcaaa      240
tcagataaga agcagggttat ggggcttggg aggaggtaag ggcagaaagt tgggtattct      300

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<210> 1345
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1345
ccgatttaca gattgaagcg gtaaattagt ggttttatgg tattttctgta aacaggggata      60
aagtggaccc tgacaaattc aatattgtct gaagagacaa tctattctgg ttctgttgga      120
cttcagggta tttttctttt tttgtaaaat gaaaactaca aagaaacctg acttttcaat      180
tttttataca tgtaattttc tagaaatcta ggaagtcatt tacacatcct tatataccat      240
gagggggcaaa agtaagcttt ctctctccca aagcaaaact ctttttctct aaggagctgg      300

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<210> 1346
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1346
ctgaaatgtc aaacacggcc acctaggcag catttacaag caagagtcca ctgctttttt      60
gatgtatatc ttaagcgccc ccagtgaatg aacagcatat aactccacat aaaaatcatt      120
aatgtgaatt gacttccaga gcaggcagtt ctgttgatg cctctggaga aggctggctg      180
aattggaatt ggtctgtacc ttctgcctat catgtacatg aggttttttg gcaaagagaa      240
ctttccacaa aataagtcca aaaattatag atcatcagac aaccaataac atattgatga      300

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<210> 1347
<211> 300
<212> DNA
<213> Homo sapiens

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&lt;400&gt; 1347

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tgctctgctt	ccgagaaatt	gatgagctaa	taaaaaagga	aaccaaaggc	aaagggtctt	120
tggaagtact	caatctgaaa	gatttgaaga	aggagatgag	aaatttgaat	gacacccatc	180
agtctcttca	cctctaaaac	actaaagtgt	tttcgtttcc	aacagcactg	tttcatgtct	240
gtggctctgc	aaataacttg	tcaaaactatt	tgacattttc	tatcttttgg	ttaacagtgg	300

&lt;210&gt; 1348

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1348

gggatccctc	cctccaccgc	ccccccagcc	ccgggacccc	gagtgcact	ccagcctcac	60
cccctgccag	tgccactcct	agccagcgcc	agtgcgtctc	cgcagccacc	agcaccaacg	120
actccttcga	gatacgccgc	gcccccaagc	cagttatgga	gaccatcccc	ttggggggacc	180
tccaggcccc	ggcgttgccc	agcctccgcg	caaactctcg	aaattctttc	atgggtcatcc	240
ccaagagcaa	ggcctccggg	gctcctcctc	ctgaggggag	gcagtccgtg	gagctgccaa	300

&lt;210&gt; 1349

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1349

aagaattgna	cgactcttat	tgatgagtgc	aaaatttttc	tatagatttg	aaagtcacta	60
ctaactatga	ctagctgatt	ataataattg	agagtaaact	tttaaaatta	ttaaataatcc	120
tgtgaaagt	ggagcacagt	aaccattaac	cctaaatttg	atactatgtc	catatgaatt	180
cagatcataa	tagtgctcta	tcatgtgaaa	ctactaaagg	atgtatagag	ttaaataatta	240
cgtatccact	ttaatgaaga	ataggtatta	cacagtaatg	gttggtttaa	aaaatttttt	300

&lt;210&gt; 1350

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1350

gccctgtgtt	aatccagggt	agaacaggta	gtacccaaat	tagggcatgg	tagcagggat	60
gcagaggaaa	gaagaggagt	aggaactatt	tgggaggtag	tattactagg	atttttagctt	120
tgaaggggtg	agagaaatgt	caagcctaac	tacaagcaag	gtttctagta	tcagtaactt	180
catatcattt	gaaatacana	nattagcaat	caatgtatan	ancntnctgg	gctaancnta	240
gcataaantc	tgacttcant	gtagcattga	ggagggtcct	ggcctcagat	actgcaccag	300

&lt;210&gt; 1351

&lt;211&gt; 300

&lt;212&gt; DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 1351

agatactgta	tatttgaaca	agattttttt	ttatcatttc	tatagtcttg	gagttcattt	60
gtaaggcagt	gtcttgactt	ggaaaggatg	tgtaaatggg	gtgactttgt	agcatgggat	120
gttgctttga	gttaactgta	gtgggtgggg	aggtccaatg	ccctccgcaa	tgcccttcac	180
ctcctgtgtt	gtcctgtacc	ctgctcagct	ccatcctggg	gttcagggaa	ggcacacttc	240
ccagcccagc	tgtgttttat	gtanccgana	tanagnngng	tccgattcaa	nntcatncac	300

<210> 1352

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1352

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ctctgctggg	ccaaggccat	gcttccccag	cctgtggctg	cgctctgct	gtctctccgg	120
gtctcacctg	ggcgggaggc	tcctctggag	gccaggacct	gccttgtag	gggtgcccttg	180
tgggagaggc	gcttgcccaa	acctgctgtt	ccccgggggc	tccttggtgg	ccccaggac	240
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<210> 1353

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1353

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agttattact	actaccacta	cagtaaattc	ttacaagaac	tttccatgtt	ttttgggagg	180
aggaggagga	gtagttacat	tcaggatcat	atacataatt	gtttagcttc	agttctgtat	240
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<210> 1354

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1354

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ggccaagat	ggccatccag	accagcagt	cgaagtgtgt	gaactggcag	gtggacgggg	120
agtatcgggg	ctctgacttc	acagcagccg	tcacctggg	gaaccagac	gtcctcgtgg	180
gttcaggaat	cctcgtagcc	cactacctcc	agagcatcac	gccttgcttg	gccttggtg	240
gagagctggt	ctaccaccgg	cggcctggag	aggagggcac	tgcatgtct	ctagctggga	300

<210> 1355

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1355



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taaagcaacc aatggacctt tcatctgtaa tcagtaaaat tgatctacac aagtatctga      120
ctgtgaaaga ctatttgaga gatattgatc taatctgtag taatgcctta gaatacaatc      180
cagatagaga tcctggagat cgtcttatta ggcatagagc ctgtgcttta agagatactg      240
cctatgccat aattaaagaa gaacttgatg aagactttga gcagctctgt gaagaaattc      300

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<210> 1356
<211> 300
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

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<400> 1356
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ntgaatncaa ttcacatctc tnagaggntc accgtaaaca gntttggann ctacccttna      180
tntggacana ttganttctc ctgaggtgga tcttgatatng ctctagaaac tangcatcnt      240
caccatgtgc tgaataanag tgnnttcggt gtaatngccg cgcacgtatg nnnacatttg      300

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<210> 1357
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1357
ccataagtga cttgcaaagg gcctccccc taggaaggcc tcagcaaatt ttcagtgaac      60
tcaagttcat tgattttcaa tttgtgaaat aaactagagg gcctctctga actacctgcc      120
tcatgagaat gactgtgaag tgtagtcagt ttaaaacaaa cagacaaaaa caaagctaga      180
cagcattaca ggtttctcag aaagaaggaa ggttcaagtt cacattggta ctggtaccac      240
gttgccattg ccctcctaga ctgttctctg caagctttct atttactgga ggctggaata      300

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<210> 1358
<211> 86
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(86)
<223> n = A,T,C or G

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<400> 1358
ccattgtgaa gggttatgcc cctgagagcg tgctggagcg caactgggtgc acagagaang      60
tggaactgnc nggggacggg gggact                                     86

```

```

<210> 1359
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1359
ggctgtgttg tgtgtcttgt ttgatgtaaa gatagtttct gtaatagttt tgcagtttga      60

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ttgttcacat	ttaggtcttc	aattacaacc	tgacacatcca	tcccctctat	cctctttctt	120
actctgtttt	tctccatagc	acttatcatc	caataatatg	tcattgcactt	tatttatctg	180
ttttgcatat	atattttgtc	tgttacctgt	ttccttccac	tagaatgtaa	gtcccatgag	240
ggcagggact	tgcatctatt	ttgtttgtgg	ttgtatctct	aacacctggg	atagtcactg	300

&lt;210&gt; 1360

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1360

gctgcttcat	taaactcttc	ttgagtggag	ggaatgagga	ttgtcctaata	cccttggcac	60
gaggtgttcc	tgggccttgg	ggagctgctt	ctgtcctgca	actgggcagt	ggttgccgac	120
atcctgctga	tctctagtgt	cctgcggggc	aggcgccctg	actcctatct	gcagcgcttc	180
cgcagcctgc	agcagagctt	cctgtgctgc	gcctttgtca	tcgccctggg	gggcggctgc	240
ttcctgctga	ctgcgctgta	cctggagaga	gacgagaccc	gggcctggca	gcctgtcaca	300

&lt;210&gt; 1361

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1361

gttacagga	tcttgccact	taaagattca	atctttttaga	ctggcaatga	ggattcagac	60
aactcaatct	ttgtgtaaat	acttggtaaa	gcaacaggac	acagaagagg	aatgctggaa	120
aaatctggtt	tatgaaaaca	gaaatcaaac	caagttacta	accaacctcc	ccgtcccctc	180
caggcacaca	aaaacatttg	cctttgtact	ctgccaatgc	ttgatttaat	tataatacac	240
actcaagtgg	ctgtaaaaaa	acccaacaga	acagaaacca	tttaacatct	gaatagtgtat	300

&lt;210&gt; 1362

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1362

cagctatcac	aagtgttaat	gtattttatg	tgtagcccaa	gacagttctt	cttccagtgt	60
ggcccagga	agccaaaaga	ttggacatcc	ctgtgttaga	ccatcatttg	tttgcctatat	120
gatgtcatag	tggtagaatg	gtcacttaag	gtaaaatctg	aatagagaaa	tttggcagaa	180
atcataggaa	tttctgtttg	aaggcataat	gagggttaat	catttttcat	aatagatggt	240
aagattaata	gtaatcatag	cccatattta	ttaagcactc	gccacacact	ggtttcgaga	300

&lt;210&gt; 1363

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1363

aatacacaca	acataataaga	catggcaatt	aactgtttat	gttatcaggt	ttaaggcttc	60
tggtcaacag	taagctatga	gtagttaagt	ttctgggggg	acaaaaattt	ggttgtcaac	120
tgatgggggg	gcggtgttgg	caccctaac	ccgtgcactg	ttgaagggtc	aattgtactg	180
tatttatata	tgccagcagc	tctccaaactg	tggtctgcag	atctcatgag	gtctcctttc	240
aggggaccca	catgggcaaa	actatattca	tactactact	aaagccattt	gcattttcca	300

&lt;210&gt; 1364

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1364

gaaaagcaca	ccccaaagttc	gtacagatcc	cgtaccccat	tcttatcagg	tggaagttct	60
gggggctgag	aagtccaaga	tcaaggtgct	gccaatttgg	ttcctggtga	atgagcaaac	120
agcacagaaa	aagaaacagc	agtatatgtg	gaagaaagca	agaaaaatca	actggcctgg	180
aacctaagac	ttgtccaaag	atgtcacaga	gagtaaaatg	agaaaaatcc	agtagcccgt	240
gccagagca	gttcctcgta	cccagcagaa	gggaacgatg	ctcttcccaa	ggaaggcaga	300

&lt;210&gt; 1365

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1365

ctcatcacac	tggtgtatac	ttcgtagcta	ttacttcttt	aatccccaag	gacttggtta	60
acaaagtatt	cttcagtttc	tacttccctag	ttcctttgtg	gaactggtaa	aaatttaaaa	120
tatcttaaca	taatatttta	tttcaaata	ttaacagtaa	ggtaaaatgt	ggtttttctt	180
ggacaactta	tggtagaatg	atgtctagaa	tatttagtta	tgtcatttaa	tacttttttt	240
ctttacaatt	taaaaaaaaa	tttattttat	tttagattca	gggggtacac	gtgcagggtt	300

&lt;210&gt; 1366

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1366

tagtttttaa	tttagcaatt	tgatattgat	acagatgaaa	cacctagata	tatcactttt	60
tattgagagt	tggtgatcaa	attgtacatt	agctagaaa	aaggaaggaa	aactgatgaa	120
aattttacag	tataaagtgt	atgggtaagg	tacacaaatc	ttttttttct	cttttttttg	180
ggaccactgt	cagaaacaaa	attttgttca	tcacattatt	ctaatagaac	gtctcacaca	240
gcatgcagt	agctattgaa	gtttattgtc	ctaggaggta	ttaacgaaac	gaatgaactt	300

&lt;210&gt; 1367

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1367

gctgggctag	cagaaaacct	caggcatctg	tgaggacatg	agtttacaca	cgtcgagact	60
cacttataca	aaaatgcaac	ccaattccac	ccctgaattg	aggggagtgc	atagaagtga	120
atgtcccgtc	tttctgaggt	ctgttgattt	tgtaattagt	aaacgaagg	tgcatctctg	180
attttttttt	cttgtgtgct	agaattcatt	gctagtataa	ctcaagataa	tagcgatgag	240
taggaggtat	caaagatgaa	ctgtataggg	acagtttaag	ttacttaaga	atcgtcagca	300

&lt;210&gt; 1368

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1368

tctgggacca	ataatgtttt	aaaaatatat	tcatttgaga	ttcagaaaac	ttgcacatca	60
tttgctactc	ctatcatctt	aacagtgaag	aaaactgagg	cctagagaca	ttaagggggg	120
tgcagggtcca	gagacatgtc	tcaagaaagc	attgctgtta	aaatgtgcag	ttcgtggggt	180
ttcagtcocat	ctcttaagaa	accaagtcaa	tcttcccctc	aggaaaaaga	aaagaagtag	240
caataagcaa	tttgtaata	tcactacttc	ttatcaaggt	aaaaaatgcc	tcataatcag	300

<210> 1369  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1369  
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cagctgtctg ggcctttttt atgatactga tcccatcat gaatgctctg ccctcatgat 120  
catttcaatt cccaaaggcc ccacctccta atattatcac agtgataatt gggttttcaa 180  
cacatgaatt tgagagaaac acattcagtt cctagcatta gcttgcttat atttatttca 240  
tctcattctc tctcatagct tttatttttg tttccctgt ccaatttatt atagtttttt 300

<210> 1370  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1370  
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ctatatacta gagttaacct ttattaactg ttttgtcata tgacatcaaa atgttatatt 120  
attacctgtt aaatttagta tagtatagta tactaaaaca gtatgtttac aaaattgaac 180  
tcactgtgca gatattacag gttttattca tgtaacacta tagagtgtct attgtcacat 240  
gtcattcaag ttcttctaga gtgtgatttt ctcaggcaca tattgcacag atgctctata 300

<210> 1371  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1371  
accaaactg gagtaaagtg gttgaaaaaa aagaaagtat aaaggggctt attaaagtgg 60  
ttaataaata tgatttaggt tggtttttga tatgtttttc ttccaactgt tatataagaa 120  
actactaat taaaatagta ggctatatgt tgggatgtgt atagctatgt cttcaagact 180  
aatactcaga gaatcaaatt gtagattgta cctatctgtg agcctatttc tttagccagt 240  
tttctgtcta ctgccaagaa acagaattct ctgcctcatg caaatgccct ttctgtgtta 300

<210> 1372  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1372  
aaaaactggt agagagggag aaaggtacag tgattaagcc acctgtggaa gagtacgagg 60  
aaatgaaaag ttcattattg tctgttattg agaatatgaa taaggagaaa gcatttttgt 120  
ttgagaaaata ccaagaagcc caagaagaaa tcatgaaatt aaaagacaca ctaaaaagtc 180  
agatgacaca ggaagccagt gatgaagctg aggacatgaa agaagccatg aataggatga 240  
tagatgaact caataaacag gtgagcgagc tgtcacagct gtacaaagaa gccagggctg 300

<210> 1373  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1373  
ggaaaaactg gtagagaggg agaaaggtac agtgattaag ccacctgtgg aagagtacga 60  
ggaaatgaaa agttcatatt gctctgttat tgagaatatg aataaggaga aagcattttt 120

gtttgagaaa	taccaagaag	cccaagaaga	aatcatgaaa	ttaaaagaca	cactaaaaag	180
tcagatgaca	caggaagcca	gtgatgaagc	tgaggacatg	aaagaagcca	tgaataggat	240
gatagatgaa	ctcaataaac	aggtgagcga	gctgtcacag	ctgtacaaag	aagcccaggc	300

<210> 1374  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1374						
gcgggaccct	gcctctacta	aaaaattaaa	aatagctatg	catggtagca	catgcctata	60
gtcctagcta	ctgaggaggc	tgagggtggga	ggatcacttg	agctcaagaa	ttcaaggctg	120
cagttagcta	tgatggcact	actgcacttt	agcctgggtg	acagagttag	accctatctc	180
acaataaagt	aaaataagaa	ttaacacact	cataataact	atttagttaa	taggaaactc	240
tgtttaagcg	atattgctta	tattttctctc	tcatgctttt	gtaggtctgg	actcatcctc	300

<210> 1375  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1375						
gaaagataga	aaatcaccca	ggggcctgta	ggctggagct	tctgtagacg	cacagtggac	60
actgccgaga	aacaggcctc	attttctccca	tgttcccgtc	cccgtctccg	gtttcctgca	120
tgactgcttt	ggtgccccct	gactccagaa	tcaacaccac	accagctctg	ccttttagact	180
ctgcccagag	gctctgggct	ggatactgta	tttgggtgca	cctctggggg	catttttgca	240
agttttcagg	cagatgggtg	ggggagcagt	gaaggaagga	ggaaaaaaga	caaagcacaa	300

<210> 1376  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1376						
caagcaggtg	gccctgcaga	gccagttaa	tacctacagg	ctcacccctgc	aggacacaga	60
ggatgccctc	agccaggacc	agctggaaca	aatgatactc	acggaggagt	tgaggcccat	120
ccgccaaagg	atccagggcg	agctggagct	caggaggaag	acggatgctg	ccatccggga	180
gaagctgcag	gagcacatga	cctccaacaa	gaccaccaa	tacttcaacc	agctcctcct	240
gaggctgcag	aaggagaaga	ccaacatgat	gacacatctt	tccaaaatca	acggtgacat	300

<210> 1377  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1377						
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gatgtctcat	aagaagggtg	ccccaggcaa	tcttagaacc	ggacaacagg	tggaacacaa	120
gtcacagcca	cactccctgg	ccacagagac	cagaaaccca	ggaggacagg	aaatgaacag	180
aacggagctg	aacaagttca	gccacgtgga	ttctccaaat	tcggaatgca	aggggtgagga	240
cgcgaccgat	gaccagtttg	aaagcccca	gaaaaagttt	aaattcaaat	tccttaagaa	300

<210> 1378  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 1378

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aggtatacta	ccatgtgctg	gggctgggcg	agcctctggc	cctgaagtct	ccccgggctc	120
tcagactctt	ctcccacctg	cgccaccag	tgtgtgtgga	gctgctgaca	gtgctgtggg	180
tgggtgcctac	cctggggcacg	gaccgtctcc	tccttgcttt	cctccttacc	ctctacctgg	240
gcctggctca	cgggcttgat	cagcaaagac	ctccgctacc	tcggggccca	gctacaaaga	300

&lt;210&gt; 1379

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1379

tcttggtttt	ctagccttta	gaaaaaaaaa	atctagtctt	ggtaaagaaa	atgttcattt	60
taatcaagct	ccagtacagc	ttgtgtcaag	acctagtaag	accaccttta	atgtgttcct	120
ggatatgaca	ttaaaaacta	acttgaaaat	tgtaggata	tttccttggt	ccctactttt	180
attgtaaaat	ctactacatt	cttaagaatt	aaaaaacgcc	atttcagaag	agatgatagt	240
tttatcttgc	caaggaatta	tcttcttagt	agcctatatt	ggcttattcc	aaaaaggcgc	300

&lt;210&gt; 1380

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1380

gccatttata	cttttatatt	tgattggctc	agtgattttc	tttacttaaa	tgtagcattt	60
atcaaccaca	actagcagtg	catgttatag	tgtaaacaga	aaattccaca	ggaccctctt	120
cacactaggg	aaggggacca	tctgctactt	tcatattagg	atgtcaggat	ttagagggtca	180
atgtgtttcc	tcatcaaggc	tgaaggcttt	gggaatccgg	ggaagtgtca	ggctccaagc	240
agcacagcct	gctcaaactt	catatttaag	cactggacaa	gacactgttt	ccaatcctac	300

&lt;210&gt; 1381

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1381

atcacgcccc	gctaattttt	tgtatttttt	agtagagatg	ggatttcacc	gtgttggtcca	60
ggatggtctt	gatctcctga	tcttgcgata	caccgcctt	ggcctcccag	agtgtctggga	120
ttacaggcat	gagccaccac	acctggccac	agaagggatc	atttctaaat	agcatagaat	180
cacagggagt	acacctcatg	tgacttcacg	tttagagtca	gcatttgctc	ataatgaatt	240
acatatcagt	aatgaacat	gacatgcttc	aacttcaata	atattaaaca	aaactctttc	300

&lt;210&gt; 1382

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1382

caggggggtca	gctctggtaa	aaggcttggt	aagaaggagg	ctgagagtaa	cagccaacat	60
aaggttttca	gattatctac	atccaggctc	gcccccaacc	ctgtcctcag	gaatcactga	120
atgcagccat	gacactgaaa	tttggttttc	attcattatt	ttttcattct	tacaataaac	180
gtggttttat	aagttagtta	aaaagtcttt	ttcaggatgc	cgtagtaaac	aagagtccct	240
tttgagcatt	tccttagtaa	acgatgaatg	gctgctggtc	aagcttggtc	tggcaagtct	300

&lt;210&gt; 1383

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1383  
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 tgcattgagat gaaatacatt tagcacttgg taagcactct ataaatatgg caatatgata 120  
 gtccctgact catcttctct tctgttgccc tttaaacagg tgagcaccta gccttgttgg 180  
 ttttatgtgc tcaacagcag ttgactcccc tggctcctct caccatgct actgcgtagt 240  
 caagccctcc atagtctct ctctggtctc tgtttcccat ctgcctttgc ctttccctct 300

<210> 1384  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1384  
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 gtaaatagct tttaaaaact gatgggaaat gctgtttgga agtgggaattg ttgaaccacc 120  
 tgggaggtgg gaggggaagaa attgcaaattg gtgttttgcc attgtttatt agaaaatttc 180  
 agcttaattcc attgtgtata tgttacatgc atttcattta actttgctat actgtatata 240  
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 acaggtgcaa gntctggana ccttttgctg gaataacctt gntttttttg tncctntttt 180  
 nannttttncn nttttcnntt tncctnagna nttnttttnn tgtttttntn nttntntnnt 240  
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<400> 1386  
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 cacacctgtc tgtggctttt gatgagcatc tgaatgcagg ccaaacttgg cctgccaaac 180  
 agtttctgcc gttgtttgta ccagttcaca ctccctgcc aacagtttct gcaatgtttg 240  
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 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 1387

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&lt;210&gt; 1388

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1388

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&lt;210&gt; 1389

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1389

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&lt;210&gt; 1390

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1390

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&lt;210&gt; 1391

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1391

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agaaaattat	ttttagtctt	ttggtgtaaa	gacacagtcc	tgagtgtgtt	tcacttactg	240
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&lt;210&gt; 1392



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 <212> DNA  
 <213> Homo sapiens

<400> 1392  
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 tacacactaa aaaccaaata tgtgatctcc agcatcacag aatgaaata aggatttttt 180  
 ttttaacttag gtaatatctg ttgaactgta gtaattcaaa tgtagcaatt tcaaaggtag 240  
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<210> 1393  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1393  
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 ggagttttat gcctgtacca gcagagggtc agctttccag gaatctcatc atgatccata 180  
 ctgctgacac aggcctttgt cacctgaagc attcttaaaa taaggagact gacattaac 240  
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<210> 1394  
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 <212> DNA  
 <213> Homo sapiens

<400> 1394  
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 aggagaatcg cttgaaccg ggagacggag gttgcagtaa gccgagattg tgccattgca 180  
 ctccagcctg ggcaacaaga gcaaaactct gtctcagaaa atatatatat atccctaaaa 240  
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<210> 1395  
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 <212> DNA  
 <213> Homo sapiens

<400> 1395  
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<210> 1396  
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 <212> DNA  
 <213> Homo sapiens

<400> 1396  
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ctgctggatg gaaagcgcac gacactctgt ggtatcaaca gaccaggaaa gtgctgagga 240  
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<210> 1397

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1397

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<210> 1398

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1398

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cctcagtgtc ttagcctccc aaagcagggg cacagactct gttagtattt gatactgctt 180  
gttcgtactg aagagtatca aaagggtggg agaacattga aaaccaaagc atcctgagta 240  
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<210> 1399

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1399

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<210> 1400

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1400

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<210> 1401

<211> 300

<212> DNA

<213> Homo sapiens

&lt;400&gt; 1401

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gcataatttt	aaaagataat	gttgccaaac	tttggaatgt	ttaatgttca	gactgaaaa	300

&lt;210&gt; 1402

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1402

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atggaaaaaa	attcaatgga	tattatgaaa	ataagagagt	atttccagaa	gtatggatat	240
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&lt;210&gt; 1403

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1403

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gctgtttttt	ttttttaatt	gcaacngctt	ttntgccgng	cctntnttcc	ctacccaaaa	180
gngatgagtt	ctgancaaga	caanactgtc	atattgtaaa	nactttggta	tgngatncca	240
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&lt;210&gt; 1404

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1404

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atattcagtc	gctactagcc	ccaaggagtc	tccttattta	atggacctcc	ctcagtactt	240
aattcctgca	gagcgcctca	aagtggggga	agagaaatga	ancaantcnt	gggctcaagt	300

&lt;210&gt; 1405

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1405

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aaaaaatttt	gttactggga	aaatagccat	tactgggaaa	tagctttgtt	acagaaagtc	300

&lt;210&gt; 1406

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1406

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&lt;210&gt; 1407

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1407

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&lt;210&gt; 1408

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1408

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gaattatgta	attatgagtg	atgtacttca	aagttattgc	acatacactt	gtttactttg	240
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&lt;210&gt; 1409

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1409

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 <213> Homo sapiens

<400> 1411  
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 <212> DNA  
 <213> Homo sapiens

<400> 1412  
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 <213> Homo sapiens

<400> 1414  
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&lt;210&gt; 1415

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1415

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aattaaaatt	tgaacatatt	ataaaaaatga	aagataattg	taaaatcttg	gtttggagag	240
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&lt;210&gt; 1416

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1416

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&lt;210&gt; 1417

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1417

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&lt;210&gt; 1418

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1418

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gatcattttt	tttaactaaa	tgatttacia	tagtgagaaa	gttgaccttg	agttacatgt	120
tgaagaata	gtatgtaagc	tggcaacaga	aattgaaatt	gagacagatt	tcagcaccac	180
tgttggtaac	aggctcttat	tccagaggaa	acatgtcagt	tttttattag	tgagtaaagg	240
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&lt;210&gt; 1419

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1419

tttgtaggca	atggaaagcc	accagtgggt	ttagttgagc	agcaatgaaa	ttaagcctgt	60
gctttgcaaa	gattaatcta	gcagcaacag	attggaagca	acaccaccat	tcctgggtatc	120
agtccaggta	aaatatatta	cagctcttta	ctggagcaat	aacagtaata	ttagaaggag	180
aaataaaaaa	gaaaaatatt	gcacaggcag	aatggggagg	tcccagtgat	ggagctgatc	240
ttgggttcatt	gaggcagggg	tggcattaat	catgtaaaac	acaggaggag	gaactggggt	300

&lt;210&gt; 1420

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1420

ggttgccaga	tataactgct	ttggagcaaa	tctcttctgt	ttagagagat	agaagttatg	60
acatatgtaa	tacacatctg	tgtacacaga	aaccggcacc	tgccagacag	agctggttct	120
aagatttaat	acagtgcctt	ttttcctctt	tgaaatattt	tactttaata	ccagtgcctt	180
ttcttggtga	acttcttgga	aaagccacca	attctagatc	ttgatttgaa	ttaatacaca	240
caatatctga	gacacttaca	cttttcaaaa	gatttgtgta	tgcattgcct	aattagagta	300

&lt;210&gt; 1421

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1421

ctaatatcca	gaatctacaa	tgaactcaaa	caaatttaca	agaaaaaac	aaacaacccc	60
atcaaaaagt	gggcgaagga	cacgaacaga	cacttctcaa	aagaagacat	ttatgcagcc	120
aaaaaacaca	tgaaaaaatg	ctcatcatca	ctggccatca	gagaaatgca	aatcaaaacc	180
acaatgagat	accatctcac	accagttaga	atggcaatca	tagagctttt	catttatctg	240
agtgttttcc	tctgcttgct	gggacttggt	ctttcacgag	ctcctgctct	catatcaggg	300

&lt;210&gt; 1422

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1422

cttgcaaagt	atataatata	taagaggaaa	ggtttgga	taagctactg	cattgggtctt	60
aagctagtcc	ggcatgtgaa	gaaacaagaa	tttgcccaga	agaggactgt	ggagaaacct	120
ctgaggcctc	cttccagagt	aaggccaatg	cagtagctta	tttccaagcc	ttgcaaagta	180
tataatatct	aagaggaaag	gttttgtcat	cccagcgttg	tccactttgt	ggggctttgt	240
aggtagacgg	agccacacta	caggcagggt	atgagcagag	ggatgtatgg	agtgtgggtg	300

&lt;210&gt; 1423

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1423

ctgacatgac	taccttaggg	atagagctaa	gggataataa	cttgacttaa	atacatttaa	60
atacttgatt	gcatgagtca	gtttattgta	gtttttgatt	tctgtaaaat	aagagaaact	120
tttgatttta	ttattgagta	agtgaatgaa	gctattttta	aataacgtta	gaagaaagcc	180
aagctgctgc	tgttacctgc	agaactaaca	aacctgttta	ctttgtacag	atatgtaaat	240
attttgagaa	aaagtacagt	ataaaaaatg	ttattgacca	catgctacca	ggctctgcag	300

&lt;210&gt; 1424

<211> 300  
 <212> DNA  
 <213> Homo sapiens

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 ctgttcgaaa taattgcaga gaaagcttgc caacgggtgat aagtaggttt gtctagcagc 180  
 actgatgcgt cgtggaagtt gatggtcattg aacatacagt gtgataacct atctgccttc 240  
 ttgacctttt ctagttagtgc tatgtcattt tgggtactaag gtaggtgaat tttccaagtg 300

<210> 1425  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1425  
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 cctgggtgct tttcctgcta ctcccggtgg ctgcatttgc ttaacttact cttctgattt 120  
 cagtctcaat gctgcttct taggggtaag ccttctctga ccctacattc tgtagagata 180  
 cccccattct gccattctct cttttgtggc ctgggtttca cttgttaacta agtcattatc 240  
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<210> 1426  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1426  
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 atgaaattga gacacggcaa agatcaattc aagagccact ccggggagaa tggcgggtcta 120  
 aagataaagc caagactgtg cctttaaaagc ctgctgttaa gacctgagaa ggtagtgcct 180  
 tagcactctc ttcagtcaca ctcaaggcct ctccgtcaaa caatagggct tctagccttt 240  
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<210> 1427  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1427  
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 ttggcatgtg ggaattgtga tgggtcacag tgtcttggcc ttcactgggt tttgtaggca 180  
 cactaagggt tccatttcat tcttcttcag ttgccttggc ccagcctggg tctctgggta 240  
 gagcacctgc aggggcagtg gacggcctgg gctcagggtc ggtcagcacc tgagaccagc 300

<210> 1428  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1428  
 agaagctcca ctggcacttt tgtattcaca actaccgggt gcgataaggc agtgagggtt 60  
 attatgatac cctttttcac aggtaaggaa acaaggctca gagagggttca acaacagagt 120  
 cataattctt cttgttgagg aattcatttt gttacatttc attcccacca tctgcagtaa 180



gggagaccca ttaaaatata gtatcctgat ttttaaagag aaggtaacat taaggccagg 240  
agggttgagg tttgcccag ttcactgtgg gcttctggac tcccatgccc aacagcctcc 300

<210> 1429  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1429  
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ggtgacagag caagactcca tctcaagaaa aaaataaata aataataatt tgtgtatgtg 120  
atgactgact ctagtcatta tggaaaataa cttttggcag tttagttcct acttggttaac 180  
aattcctctt tttaagagag gtactacatt tgatttctca atttctcagt ttgttttcaa 240  
tacaaacagc aaccactgaa atgcagaaaa tggtaatcaa gtgtgatgtt tctataaaaa 300

<210> 1430  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1430  
cccacccct ctcttttcca ttgaacaaac atttattgaa catcctctga gcacctggcc 60  
gtgggaatgc cgtggtgaat gagagactag acgtgatgcc tctgggggtt gtgcgttggg 120  
gatgcatgcg acagcccatg acccgaggca ttctcagggc atctgtgctg tgtgcccggtg 180  
agaacatctt cccatgacca ctctgcccct cctgccccgt gctggatctt cctccccag 240  
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<210> 1431  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1431  
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tggttttcac tagggttttc tgaaaaccag cagaaacagg gggcctgaag gttgttagag 120  
taatgagctt gcagccaaca tatttttagct ctatcaaaaa atgcctgtta gtgctcacgg 180  
gcatgtactg cgagagagat cttgaatgca tcactttggt atcctaagaa gtgtaatttt 240  
ttccctcgt cactactgggc tgtgtttaga cctcgtataa tacataatga atagaaacag 300

<210> 1432  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1432  
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taaataatgtg taagtaaaat aaaatggtaa cttgtttttt ataagagggg aagttgggtg 120  
gttttataaa ttaaatgaac atttatgcgg tcggttattt ttacgtaaaa atagttgtta 180  
tattctaggg taacagaaat ttagaaacct attttctgt agaagaaagg tgttgctatc 240  
tgcttttgat ttctcagata tttgcttctc cttagaatgc tatgatcaga tttttattag 300

<210> 1433  
<211> 300  
<212> DNA  
<213> Homo sapiens

&lt;400&gt; 1433

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tctctgatgg ggagcagtat tgcattggtg ttgagaactg aggcctctgat gttagaactg	120
gattctgact taaccactg tttgcccaca tcttgagcct tggtttcctt atctgtaaaa	180
tggcagtatt ctggggctgg ctgaggaaaag gaaatgaggc caggcgcggt ggctcaggcc	240
tgtaatccca gcactttggc aggcctgaggc atgtggatga tttgaggcca cgagtttgag	300

&lt;210&gt; 1434

&lt;211&gt; 139

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1434

gtggagctca cctatttgga atatggggca tttgtttttt ccaactgcaat gatttcagtc	60
tggtttcctc atgttggaat tcgatcacac ctttttcaaa caatgttaac atagtccagc	120
ttttgttccg tttaggga	139

&lt;210&gt; 1435

&lt;211&gt; 239

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1435

cacactccag gctgagaaag agtaattagg aggcctgagg agggggccgag gaaaggctgt	60
tgggggtgtgc tgggggttggt acccgagcgc ctccccctca cctcaaccag agaagagcat	120
ccggttgctt tttaaagctt ttagcctgcc ctagcaagga caaagcatgt tagattagag	180
atgcttctgc tgatcgacagg ggttcttatt tgaaaacatc tatgatgggg gaggtgtgg	239

&lt;210&gt; 1436

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1436

ccttgaggca catcacagtt tgaaggacct gtttaagttg aaatagactt tgcttattta	60
ttgggattct aaaaaattct gagtgagttt gcagtatgag aggaaataag atttcctcct	120
ccttcctctc attttatatt gactgtttgc cagaaactgt tttcttctgt tttcttatat	180
tttggttttg agatggagtc tcaactctctc acccaggctg gagtgagtg gtgcaatctc	240
agctcactgc aacctctgcc tcctgggttc aagtgattct cctgcctcgg cctcctgagt	300

&lt;210&gt; 1437

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1437

gcaaaaacct acatacctgt tattcctggt tgtgctctc gcaatccttt aagataaggg	60
gggcaggaat taatatctcc attttacaac tgaaactgaa aattagagga cttcaatgaa	120
tgaaaaatct gagtagctta tctaccaag tggcagatta gttcatgatt cttattaag	180
tgataggact tgccaaacac caggaatctg gggaagaagt gtactcaaag aagtatgctt	240
ggaccaatct gaaaaaagaa aaanaattna gttcaaactg attgagtaac nattcacagt	300

<210> 1438  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1438  
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atgttttctg gagtcataaa ggaattcaat tcttaggggt tttgtttttg tttttgagat 120  
gtaatatgtc tctgttgccc aggctggagt gcagtggat gatctcacct tactgcaacc 180  
accacttctt ggggttcaagc gattctcctg cctcagcctc cccagtagct gggattacag 240  
gcaccagcca ccatgccttg ctaatttttt tgtattttta gtggagatgt ggtttctcca 300

<210> 1439  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1439  
ggggcagtc ataataatag ggaggataga aacgtcagca tggcattcca gatgagaaaa 60  
ctgaagcaag ttaaactttc tacatggtaa ccgtgattat gtagttgata taaaagtat 120  
tgactgtggg ctttcaagaa gaggttaaaa tacattcatt atattaacga gtgcatctta 180  
caaagatttc tttcaaaaag tacttgaagt ttttttgctt taaggagtaa atctcaatca 240  
tctggaaatt taacttctgt ggaatacctc tttacatctt aaaggaaatg ttaatgcatt 300

<210> 1440  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1440  
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aacttctttt gaaaagcaat taacagttga taaagggtta aataaaaatt atctagtaag 120  
gaatttctta ttggaatgta aacgtgggtc taatttttaa tagacagtga tataaagaat 180  
aaaaagtaaa cagtgaattt gagttctcca gggaaaaggc agacctgttt agtaaaaaaa 240  
ggatgctttt ttcagtgatg tctttttttg agtgcataat tgtgtgactc ttgaagaaat 300

<210> 1441  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1441  
atccaatatt tattgagtgt ctattagggt ccaagcacct taatagggtc tatggatttg 60  
aaatgccgtc cctgtcttag atctcacggt ctactggagg acacagagaa gtaagcaggc 120  
agttgcagta caatgtaaca ctgagtgtg tctgtgtatg atgctgagga gggagggttag 180  
cctgagccgg ggaagcggag cttgcaatga tcggagatcg cgccactgca ctctagcctg 240  
ggcaacagaa caagcccctg tcttaaaaaa aaaacaaaat cttcagagca ggcttaaaaa 300

<210> 1442  
<211> 297  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1) ... (297)

<223> n = A,T,C or G

<400> 1442

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tagaactgtt	taggagtgat	gatgtgtaaa	aagttgactt	ctcttttgca	tggcacagag	180
aaattatatt	ccttacttca	tgtcagttta	tgttctaaat	cttttttact	gaatataaaa	240
atcttggtta	atgccattag	gcaccaactt	aaagagggtt	gtaaaaatat	taaaagt	297

<210> 1443

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1443

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gcataattatt	attattatag	taatctgatt	ctttagaatt	cagagaactc	acctcattag	120
tgtcccttg	ctctatctgg	ccctgtggga	aaataccctt	gcactcttct	atgggtatgg	180
tccactgtat	cccatcatga	ctttaacatt	tttgaagtat	tggctcttta	aagtaagcaa	240
acaaattccc	ttgttacatc	aaattcaa	acagtaatgc	attacaggac	aaattaaagg	300

<210> 1444

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1444

gcctgtcgtc	ccagctactt	gggaggacaa	gtcatgagaa	tcgcctgaac	ccaggaggca	60
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ccatctcaaa	aaataaataa	ataaaataaa	ataaaatata	aagtttgctc	cattgttgac	180
ccattgctgc	tgataaaaagt	gtatactgga	atgcatgtaa	accatatatt	taaaatgtat	240
aggctgggca	cagtggctca	cgctgtcat	cccagcattt	tgggagacca	aggcagggtg	300

<210> 1445

<211> 161

<212> DNA

<213> Homo sapiens

<400> 1445

gtgtgttctg	tgggagggtg	tctgtgggga	tgtgactatc	agggtgggccc	tgtgctgggg	60
atggggcagg	cctgggtctg	gagaggattt	tgtgtgaaag	taaatggggt	gtttgaggcg	120
tatgggtggc	tgttggtgtg	gggaggcatc	tgtgtatggc	t		161

<210> 1446

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1446

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aggccatgcg	tgggtggctca	ggcctgta	cccagcactt	tgggaggccg	agggtggcag	120
atcaccggag	gtcaggagtt	cgagaccagc	cttgccatac	atagtgaac	cctgtctcta	180
ctaaaaatac	aaaaattagc	cgggcatggt	ggcaggcacc	tgtaatccca	gctactaggg	240
aggcttctga	accaggagg	cagaggatgc	agcgagctga	gatcgcgcca	ctgcactcca	300

<210> 1447

<211> 251  
 <212> DNA  
 <213> Homo sapiens

<400> 1447  
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 gccccctccc atccatagtg catggtgtgt ggtgccccca gggctccagg acagatcagg 120  
 ccccaaccttg tgtctacccc catccccgct gtgaacgtgc cactgaataa agtcggggaa 180  
 acgagaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 240  
 aaaaaaaaaa a 251

<210> 1448  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1448  
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 cacctatttc tgaggtctcc tttagaagga gtaacagaca gcttttattt ctcttaaagt 180  
 tataaaaatc acaatcgcaa gtcacaatga atactgggaa gggaaattac ttttgcagag 240  
 tgatcaagta aatgatagcg ggggctaaac ttttttagta aacttgtgaa gattacatac 300

<210> 1449  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1449  
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 cctaaacatc tgatcaccag tgactgagaa agttatcagg atcaagtgga aagagaaagg 180  
 actagcagag ttacagggtta gagaaacagg taaaggctac tatggacggc ataatagttg 240  
 catcccatgt tttgtctctt aagaacagtt gcaaactatt gaaggtttta aagctgtgtg 300

<210> 1450  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1450  
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 caacgattac ctccacaggg tcccttccat tgtcctcctg catcattttc ctccaacttg 120  
 aataaatgtt ctaccacact ttctccttta tttctctac cccctgtacc ccgctccctc 180  
 tcacaattaa ctctacagca gaatgtgaat tctctgattt tagaataact attttatggg 240  
 aacttcaa atatcctagt tgtatccaca ttcagcttgg gtaggtacct tcatagtagc 300

<210> 1451  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1451  
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 gcagcagcag ccacactccc accatcctca cagaattcct ggacccatgc ggtggctccg 120  
 tgagctgggt gactccagcc tcacctgcac accccagccc tgcacggggc cctccttcc 180

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cccagcagcc cttggtgagc taggaattga gatccctggt tgtgaaagag ggaactgagg      240
tgcagagaag ccagaggtgt gccagatcct taggcaggat ttagatgaag tcgccctggc      300

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<210> 1452
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1452
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caaacgtaca cattctgtac atgtatccca gaacttcaag ttaaagaaaa aaagaaaaat      120
atattagttt agcaacattc aaccttatcc tatataaatt atgctaagaa ctttggttaga      180
taaattctat tataaaaggt cctagctagt agtattaaat ttgttggtgt tgtaatttat      240
gtacaacaaa attcaccat tttaggtata cagtttgaat gctttttggt aattatataa      300

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<210> 1453
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1453
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ccctccattt ataatatggt tttaaaattt gccactgaga agtacaaatt tccttcttat      180
ttcatcttag ttatcaacc cagagtcactg gaggcaatgc agtgtagtgg ttaagcgtgc      240
agattctgaa gtttagacaag atttgggttg gaatcctgac tctgccactt actagctggg      300

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<210> 1454
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1454
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ctgttttgaa gtaatcaaat gctgtgcatg gtattttacc tgagctgcaa cctgttatgg      120
acttgaactt ctgtttaagt tgaaagcaag agtccctgag tataaaggaa aaacagcaaa      180
acaaaaagca aacaaaaaaa aactgcaaaa gtctaaaata cccattggtg atgtttttta      240
aaaaaatctt gctttcagct ttcaggaggt aatattcttt gttttaattt gataattgga      300

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<210> 1455
<211> 300
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1) ... (300)
<223> n = A,T,C or G

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<400> 1455
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cccaggaggc cgatgctgca gtgaactgtg attgttccac tacagtccag cctgggtgac      180
agagaaaaaga aaaagaaaac attacataat ttggctagag cataataatt tgattttctg      240
gtttttgaaa atttgagttg cataaaaagga nnnnnnnnnn caaggnttct acaaggngnn      300

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<210> 1456  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1456  
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 aatggaagga aaataaaaag atttcagaga gtctgatcaa taatagcttg tgggtcctag 120  
 tgagtggagc agtgtataaa gaggttaagg ttttgaggga aaaaaatact atgtcaaag 180  
 ggggggtgaat gataaaaatc gctctcattt tccttttttt caccctttcat cttcatttat 240  
 ggaatttcta tacaataaat atgtttggca ttttaataaca gtgcctctcc cccggaatac 300

<210> 1457  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1457  
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 gtcgtatgtt attacgggga gctggaatcc aaaatcccca cattttcaag ttgtaaatga 120  
 agaaactcct aaagataaag tcctgtttat gaccacagct gtagatttggt taataacaga 180  
 agtacaggag cctgttcgat ttctcctgga gacaaaagtc cgcgtttgct cacctaata 240  
 aagattattc tggcccttca gcaaacgtag tactactgaa aatttctttt tgaaactaaa 300

<210> 1458  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1458  
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 agaaaaaagc atatcttcat tgacataaca gaagtgaat ggcccagttc tgatacagat 120  
 ggtaccatga tatatatgga gagtggcatt gtgaagataa catctttaga tggatcatgca 180  
 tacctctgcc tgcccagatc tcagcatgaa tttacagtac attttttgtg taaagttagc 240  
 cagaagtcag actcatctgc agtggtgtca gaaacaaata ataaagcccc aaaagataaa 300

<210> 1459  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1459  
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 gaggaatga tgatcatctc cattgaatga cagctgttat atagcaaaga taaatgtaaa 120  
 attagtctta ttcttggaag tggaagacag cagttatcag agaggagaat ttaatcaaaa 180  
 gaatcagaat agcatggtca caggccagat tcacattgaa gtattttact tatattttac 240  
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<210> 1460  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1460  
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aagcattgat tggagcacac acaaaagtta ggaaatatgc tgcttggcaa ctgagtaaaa 180  
gtaaatatat agtctcttaa acttccaaaa aagtatacaa tagtacagga tgggttctat 240  
tcacaagctt tctgtctgta accgtaaaag atatcactat ctaaaaataa tatcagaatg 300

<210> 1461  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1461  
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gagatacata cacacacaca cacacaaaca tacacacaca cacacattgg ttgtatatct 180  
ggagaatcct gattaatata cccgataaat tcaaaacaaa acaaaacttg aaaaaaaaaat 240  
ttttcagggtg aatattttgt ttttagcatc tgagtttcag tccaaacagg gaaggaaaga 300

<210> 1462  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1462  
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acattgcagg cagagaaaaa agaaagtgtg ttccatgtaa gcaaatgtta tttggacctt 120  
tctctctgtc tgacctaatc atggctcaca gaaagtaatc atactcctaa taatacatca 180  
acttatctga tttatccaca caatcacgta gattaatgta tgcttctatt tcttggtcgc 240  
tttagcataa tattgatcat aaattgataa ataggaataa aacaatataa ttagattaat 300

<210> 1463  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1463  
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aattttctatt tctgtcccag accttgaacc cccagcctaa aaatcagatt gcatattgga 180  
tgttttcttc tggaagaatg tcaaactgaa caagtctgaa actgatcttt gtgcatcaca 240  
accagccaa acctgttact tctcctacat tccctttctt ggtgattggc ttgtccaccc 300

<210> 1464  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1464  
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ttttattttt agagacaggg tctcgtttca ttgccctggc tgggtctcgaa tttctggtct 180  
ctgggctcaa gcaatcctct caccctcagcc tcccagttac ttggaggatg aggtgggaga 240  
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<210> 1465  
<211> 300  
<212> DNA  
<213> Homo sapiens



&lt;400&gt; 1465

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gtttactttg ttgtctttgg ccctttatgc aatcagtgtg aaaggactag ccgtttctgg      60
ccctacacta aagcttattt atatttaa atcagtgattcc aaactttaaa tgtataacat      120
catgttaatt ttgtaacatc aatgggtttc tttaaaattt caagatattt atcttggtac      180
ttgtattgga cagttctaag aaatcttaga gggataactg tcttacctgt tttttaaaaa      240
agatcagctt gcaatcttct gcttcaacca tatctgtatt agaatacagt attatttcta      300

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&lt;210&gt; 1466

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1466

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gatcaatcca agctcctaaa catgggtattc acagtacagt cctaaaaaca ccacccccaa      60
cttgctgtaa acccaaaaatg gcgggggcct cccagatata ctatgtctgt gcctttgtac      120
cagctgggcc ctctgcctgc aatgccatct ccactctctc catccccctc caggagacgc      180
tagcactcac tctctcctcc tctacatacc atcatctctc ctctgaaga gctactctcc      240
ctaactcacg tgtcacaaca acccactgc cattatctct ctcttcatct tcacaccggt      300

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&lt;210&gt; 1467

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1467

```

gacagctgag gcccctggaa ggcagatcca actcctcctc cagcgacacc actggctcct      60
tcacagcttc actccaagaa acttctagac ccccagggg gtgtctcaag tgaaagtctg      120
gcccacatc tacccccaaag gatggcactg gctaggactg ctccaggtct cggttaacct      180
aggtaaaagt gtccttgggc gcaagtctga gttaggctgc agaaacacct gctacctccc      240
ccaggttcac actgacagct gccgggcctg ggtcaggcac agccagtgtc caccttcatg      300

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&lt;210&gt; 1468

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1468

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cctagttaaa tcacaacaag ttagtaatcc ataaatgatg tgtcctgttt ctcttttagta      60
gaaattatat ttttggttac cagttaagaa acttgactc ctttgccct tatgttacta      120
taaactcaag atgatgagtt ttgtggtatt tgacttcata ggcaaaatca aaatttttac      180
tttgttgcta ttctgtttta tgaaataaac ttctgtctat gcatttgaac taagtttcag      240
caaattcaat cttaaattgaa taattccagc tcccagtttt atcctatgtt gtcataaaa      300

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&lt;210&gt; 1469

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1469

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gtcaggctct gctggacact gcatgtccaa acgtcatttt acccatgtgc cagcgacaag      60
gtagattcgc ttgtaccaat tttgcacata aggaaacagc cttagagagg ttaggttgct      120

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tgtgcaagcc	cagggtaggt	ggcaccagct	ctgccaatct	gcaacgcact	ggtatcttcc	180
agccagtaga	ccttgctccc	tgggtgcccc	gttctggatc	tcaggaaagg	cggattaagg	240
ctcctaattg	cgggacctgg	gtggggattt	gntgncctnt	ggtggcanaa	gggacatcac	300

<210> 1470  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1470						
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gagtatgtct	agaagtgtca	ggctcctctg	gaatcagtta	cagtgggatt	ggctgcttag	120
gtataatctt	tataagatta	aaaattatag	attatttggc	agcttgtttg	aaagtgttgg	180
tcccaagaaa	aagttctgct	gtgtgttatg	gcagaattat	taaaaaaaaa	acattcttaa	240
gttgagggtt	ctaagtaggc	ttttgtaaaa	acaggcaatt	acttgctgga	ggcagttaat	300

<210> 1471  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1471						
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ctgcacgaga	gggagttact	gaagtccctg	cagagtgact	gttttccctt	agtcagtgcc	120
tccttttctt	caggtctcaa	ggacgggatg	agcttgccct	ggaaagcttt	gaggggagtct	180
cgtattttac	cttcatagca	aaagttgttt	ccccacttct	ctccaccatt	tcttatttct	240
tcttgacagt	tggtctggca	catctcttga	tcgattgtag	tattttcttt	ctttcttttt	300

<210> 1472  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1472						
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gtcgtgcat	ctggtcagcc	gggtggctaa	gaatcagtat	ggctggcatg	gacggcacag	120
cctgccaaaa	accctgagga	acctccagag	actaggagag	gagcagaaat	atgaagagca	180
aatggcctac	ctccaacaga	aagagctgga	cctgatagat	tataaatttg	gagaacgtaa	240
aaaagatggt	gatccagatt	cccaggaaca	acagttactg	gatttctctg	aaccgactg	300

<210> 1473  
 <211> 148  
 <212> DNA  
 <213> Homo sapiens

<400> 1473						
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cctgccggcc	tctagatggc	ctcatctctt	ccttccacaa	actgtctaga	accaataaaa	120
ggaaacctgc	caaaaaaaaa	aaaaaaaaa				148

<210> 1474  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1474

tgccctgttga	acttgaacct	aaaaggacca	ttcaaagcct	gaaagaaaaa	acagaaaaag	60
taaaagatcc	taagactgct	gctgatgtgg	tcagccctgg	ggccaactct	gttgatagca	120
gagtgcaaaag	acccaaaagaa	gagagttcag	aagatgaaaa	tgaagtgtct	aatattttga	180
gaagtggtag	atccaagcag	ttctataatc	aaacttatgg	aagcaggaag	tacaaaagtg	240
attggggcta	ttctggtagg	ggtggatatc	aacatgtgag	aagtgaggag	tcctggaaag	300

&lt;210&gt; 1475

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1475

ctgaggttgt	tttccctgtt	ttgttgttgt	ttttccctga	gaggagtgtc	aagacgtggg	60
aggctgtggg	cagggttcca	cgggagaagg	aggatgctgc	atgtctggga	cttgtgagga	120
ggaagcactg	aagaaatcta	tgtggcacac	ggaggtgttt	tcaggtgttg	aaccataggg	180
aggtctacgt	gatttcctca	ttaggaggat	tagagagggc	agagtcagga	aaccaataga	240
ggaggcctgg	actaaatggg	ggtagtggat	atgtctgagg	ctggggatca	ggctctggtg	300

&lt;210&gt; 1476

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1476

catcagtatg	cttatggatt	tgatgacagg	catagccctgg	gcatatcacc	tcatttggtaa	60
agggctagag	cctttctttt	ttatggcact	tctttttttg	agatagggtc	ttactctgtc	120
accctggcta	gagtacactg	gtacaatcac	ggctcaatgt	aggcttaacc	tcctgggctc	180
aggtgtatgt	cactatgccc	ggctactttt	tgtatttttt	ggtagagacg	gcttcgccac	240
gttgcccagg	ctgcaagcga	tatgcctagg	ctcaagcgat	ctgcccacct	caacttcggy	300

&lt;210&gt; 1477

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1477

ggaaaaataa	catgttcact	ttatgaaagg	aagaaccagg	aaaaataata	gaaaataatg	60
aacatgagtg	gagatataga	tgaaagctaa	ataagcattc	actgtgtctt	atcaagagtg	120
actaataagc	tgacagcttt	atttgagttc	tggttaagcaa	attaatatca	tataaatcat	180
tacaatttgg	ataaagcaaa	acctgttatc	aaattttaaaa	actgtttaat	aattcaacac	240
tccagtgggt	tgccctgttt	aagcaaaagg	attctggcca	agatatttta	cttcagctct	300

&lt;210&gt; 1478

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1478

ctggaagggg	cagagcccag	gacagggctc	catgtccaca	ggacggcgag	gagcgaagac	60
catgggggact	gagtacacag	atgaagacac	agaagcatag	agaggataag	taatcactag	120
caagtgggaag	aaccgggatt	cagatccaga	acaggctgac	tccagagtca	ctggctgtca	180
tgtagtttcc	tcaactactg	cctcagctct	acaatcccag	agtaaagctc	ttctccaaat	240
gaagagccag	gaagaggtag	aggtggcagg	aattaaactt	tgtaaagcca	tgtccctggg	300

&lt;210&gt; 1479

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1479

cctaggcttt	accctcaata	ctgcttctgc	ctgaccaaac	tgtctctctc	ctgtggctct	60
gtgtgatgtg	acttgtcctc	ttctccaagg	cagtattact	cataaattct	tcttttagcg	120
tactgatcta	tctgtgtcat	cgtcagtc	accacatata	ttaagaccta	ggcacagaac	180
aattctat	ctataaaatt	ctagaaaatg	caaactaac	cataatgaca	aaaagaatat	240
tagtggtttc	ctagggatgg	gatgtgggca	aagagagacg	aaagaaggag	ggattaccaa	300

&lt;210&gt; 1480

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1480

gaaggaagaa	aatttgggac	tttgttttaa	aagtgggaata	ctatcttctt	aaacaacttg	60
tgtttaaaac	aagccccaat	ccacacttga	tcttcttaag	ctaggaaaag	tgagctcaca	120
ctgagtgtg	gcaggatgct	ccatgtgcat	cattattttg	tttaattctc	acaataactc	180
tctaaatccc	ttttgaggat	aaggagactg	gggctgggag	aagttatttc	aaggagtaaa	240
taaaaaattc	agaccactt	gggttttatg	ccaaaggctc	tgtttttaca	aatacacaat	300

&lt;210&gt; 1481

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1481

aattcggcag	ctccctcaaa	gaaaggagaa	ctaggaaaat	gttttcgccca	tctcccaaag	60
atgataggaa	agttctgagc	agggttctgg	gtatagcccc	ttgtgagaaa	ttcaaggccc	120
aatcaatgcc	atagatgagt	tatatattcc	aaatttacac	tacttatgta	ggtgtagtaa	180
cctccaaatc	aataaattaa	tataaaattg	gccaggact	ggtgaaacct	agagtcctgt	240
cagaagcaaa	tacaaagcag	ccctttaaca	acagttttta	atttagggcc	ttcaagacct	300

&lt;210&gt; 1482

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1482

ctgtagtcct	attttgccat	atgacatgat	tgaaatcaac	acctcttaga	aatagttttg	60
ctgcctcata	attgattacc	atcatgataa	cctgtagtca	gtgtgaaata	gagataaaaa	120
ttaatgtact	tagttaaatg	catatgaagg	tctaattctg	ttccagagtt	actcttactg	180
gattatTTTT	agatttttat	taacattact	ggtctctaac	tttactcagt	ctggataaga	240
aaaagaatac	catgcaattg	ttaactattt	gatgttttact	agattaacta	ttaatatatt	300

&lt;210&gt; 1483

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1483

aatgtgtatg	cggggctggt	gggaacagcc	cgggtggcgg	gggtggatcc	ctggtgtgag	60
cctggcttcc	tgtctgctcc	aaggggcgtg	gaacaggacg	gactcaggtc	caaatccctg	120
gtttcctgtc	ccttagtggt	gtggccgtgg	gcaaacgcct	taacttccgt	gagctttgac	180
agtctgtctg	ggaggcaggg	ctcaggcatc	cctggcctct	tgggggttgg	tgagagggag	240

acagagggttt gtgaagegct ttgcacacct gggcatctgg tcagtgttca gtaaattgcca 300

<210> 1484  
<211> 297  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(297)  
<223> n = A,T,C or G

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cctgggtgac agcatctact ccatcggtgg cagcgatgac aacatcgagt ccatggagcg 180  
cttcgacgtg ctgggcgtgg aggcctacag cccgcagtgc aancagtgga cccgcgtggc 240  
gccgntgctg cagcctnca gctagtnggg cgtnctana tgnaacngcc ctattta 297

<210> 1485  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1485  
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tttattttgc acatgaggaa actgaggctc atatgttttt ttcttcttta ttttttattt 120  
ttagagacag ggtctcgttt cattgccctg gctggtctcg aatttctggt ctctgggctc 180  
aagcaatcct ctcacctcag cctcccagtt acttgaggga tgaggtggga gaattgcttg 240  
aacctgggag ggggaagtgt cagtgaagcc agattgtacc actgcactcc agcctgggac 300

<210> 1486  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1486  
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ctggcagccg ggagcttatt ttagtcaaca caaactgtaa ataccatacc atagttatgt 180  
tttacctgga agtcggactt agttccataa actgatcatt ttctgtggct tgtagtgttc 240  
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<210> 1487  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1487  
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gcgaatgcta gaattttatt ttttttcaca tagtgaaaag gtgaaattgg tctgtcttcc 120  
tctttacttt agctgctagt aagggtgaaa caacgatggg gcccaaattt aacagttagg 180  
tgacatcttc ttctacgtgt gctaagatta cccagacttc actttaccct tatttccac 240  
tgactttgat ccctttactt ggtttttattc tgtagtatgg attttttgca tcttttcagt 300

<210> 1488

<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1488  
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agacgccggc ggctcgggcg atggctgacc gcacacgttg ccaccctgag gtctttcttg 120  
aagtggatat ctactcagac agtaagaatt ataagagctg taagagctca ttttggagga 180  
ataatggatg aaccatctcc cttggcccaa cctctggagc tgaaccagca ctctcgattc 240  
ataataggtt ctgtgtctga agataactca caggatgaga tcagcaacct ggtgaagttg 300

<210> 1489  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1489  
ccgctgcctg cacggcgatg agaacagcga ggtgtggcgg agcctgtgcg cccgcagcct 60  
ggcagaagag gctctgcgca cggacatcct gtgcaacctg cccagctaca aggccaagat 120  
acgtgctttt caacatgcct tcagcactaa tgactgctcc aggaatgtct acattaagaa 180  
gaatggcttt actttacatc gaaaccccat tgctcagagc actgatgggt caaggaccaa 240  
gattggtttc agtgagggcc gccatgcatg ggaagtgtgg tgggagggcc ctctgggcac 300

<210> 1490  
<211> 104  
<212> DNA  
<213> Homo sapiens

<400> 1490  
ggaagaggga agaagagaag ctggttattt ctagaggatg tcgtaatcta catcacaggc 60  
agaactgatg gctcagtggc tgagtggcca gtatattgtc tttt 104

<210> 1491  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1491  
ctggatccag tccaggccag agcctcctct gcagagaagg tactaggtgc ccatgcacag 60  
ggtgactgcc agcctcgtgg agtgggggca gtggtgtccc tgcgggcggg cttggtcttc 120  
tgaggccatg tcagtgccac cccagggcgg cctccatgg cagtgtgggg ccaacaagcc 180  
tgtcttccca tttttctgag agaggctgga aatcctgttc tttttatata taaagtgttt 240  
ccttttcaaa atattggcaa ctaagtaaat ccaaacaaag tatgggcaa atcatggcac 300

<210> 1492  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1492  
gaccaaggag atgtgagtga aaatgatgca ggctgcttcc aggtgtgacc agtaagatac 60  
ttccacata atcttcttac tctttcttcc ctgtttggca tcccatgtgc taagaatggg 120  
aaccctgagg tcctatatgt ggaaccataa ggtaaagtgc tttgggctct gaatctcaca 180  
cagggctcac tgagaataag aaacatcctt cttgggcttt gtatgaataa gaaaatacta 240  
gcaaattttt aagaaggaag taattccagt atttcacaaa cccttccaaa gaatagtaaa 300

<210> 1493  
 <211> 298  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (298)  
 <223> n = A,T,C or G

<400> 1493  
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 tttcattcta atattacatt attccttttta tcatttaggt ctttatccgt cagtgttttt 120  
 agagaactac tgcacttgac cacaaactga taaatacttg gtactgcccc atctcactgt 180  
 tctgtttact ttgtcttaaa tatctctttt ttttttccca ggcagctagt acacnactga 240  
 atcctttaag ctttcannngn gaatttgtna anctcaggat tgacctttta caagcctt 298

<210> 1494  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1494  
 gaaggcacga attgaattgt gggaacagga acattcaaag gcatttatgg tgaatgggca 60  
 gaaattcatg gagtatgtgg cagaacaatg ggagatgcat cgattggaga aagagagagc 120  
 caagcaggaa agacaactga agaacagcca ggctggctct gaattcctga cctcaggtga 180  
 tccacctgct tcggcctccc aaagtgctag gattacaggt gtgagccacc acgcctggct 240  
 aattttgtat ttttagtaga gatgggggtt ctccaaaggc tggctctgaa ctcccgacct 300

<210> 1495  
 <211> 196  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (196)  
 <223> n = A,T,C or G

<400> 1495  
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 tgtctccctg tgctgataca agcatgaact ttctggaata ttctgctagt ctgaaattac 120  
 agcaggttgt ctggggtagg ggggaggcgt tttttttttt ttttnnaann agggncnctn 180  
 tnnngcccn agggg 196

<210> 1496  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1496  
 ttttaacagt gtgccttttg ggagggaccc atgtccatgg ctctcgttgag ggccatccat 60  
 atgccagctg ggggccagcc cacagtggcc atattggctg cagcaggaat ggtgccacc 120  
 tcggcgaatt gaagggctaa gagtccaga tagctaggcc agagctggaa gcagacagta 180  
 aggggaagag ctgctccac aggagaggga gagattccag ctactgcgc agcctgggag 240  
 gaggcgtgga tcctggcacg ctgagcctca ggcaccagcc tccctgtgct cgacagcaaa 300

<210> 1497  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1497  
agcaacccta gcaatagact gactctacta caaaacaatt tggttatttc tcttactatt 60  
tctctattat atctgttgag ggaatgttat catgagcaca ggtattagtc ctatgctttt 120  
aatcggttta gtgggtttctt tgtgtctcat tttattcatt tgtaattttt ttaaagacta 180  
taaaacttcc acagtttctt tagatcatta agttatatga ctctttttca tgggggtcag 240  
ttaacaatac ataagaaaac atttgttcta ggataatata tgacctaaaca gtcttttgtt 300

<210> 1498  
<211> 119  
<212> DNA  
<213> Homo sapiens

<400> 1498  
gctagtctga gttttttttc cttttactct ggtattgaca catttttctgt gatcattggt 60  
aattagtgc atagtaacat ctgtagcagc tggttagtaa acctcatgtg ggggaggtg 119

<210> 1499  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1499  
gttgaaacac gaggtataaa tgaccaagga ttgtacagag ttgtgggggt gagttcaaag 60  
gtccagagac ttctgagtat gttgatggat gtaaaaaacat gcaatgaggt ggacctggag 120  
aattctgcag attgggaagt gaagacaata acaagtgcct tgaaacagta tttgaggagt 180  
cttcagagc ctctcatgac ctatgagtta catggagatt tcattgttcc agccaaaagc 240  
ggcagcccag aatctcgtgt taatgcgatc catttcttgg tacacaaact gccagagaag 300

<210> 1500  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1500  
atgatgtaaa gtctgaaata tacagctttg gaatcgctct ctgggaaatc gccactggag 60  
atatcccgtt tcaaggctgt aattctgaga agatccgcaa gctggtggct gtgaagcggc 120  
agcaggagcc actgggtgaa gactgccctt cagagctgcg ggagatcatt gatgagtgcc 180  
gggcccatga tccctctgtg cggccctctg tggatgaaat cttaaagaaa ctctccacct 240  
tttctaagta gtgtatcaaa atctaaacca aggagtctct ggacaagaag ctgggagagg 300

<210> 1501  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1501  
caactcctga gacatacaact cattgatgat tcatcacgaa atgtttaatt atattgagca 60  
tgacgctagg accaggagga catttgagga ccgattacc cagaccttac tttcatgtga 120  
aacctttgga aaaggcacia ctaaaaaact ggacagaata cttagaattt gaaattgaaa 180  
atgggactca tgaacgagtt gtggttctct ttgaaagatg tgtcatatca tgtgccctct 240  
atgaggagtt ttggattaag tatgccaagt acatggaaaa ccatagcatt gaaggagtga 300



<210> 1502  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1502  
 gtttttttaa gaacttgata aattttacctt aaaattttaa taaagtatac tgaataacta 60  
 agtcaactta gaaaaaaaaa agtggttatct aagacaagtt acaaagccat caccaaagcc 120  
 catgatccgg cagacgacta caagcatagg gtcagatcca tctataaatg agagcctgac 180  
 atacttcac ttagcaaac atgggagaca aatcagtggg aaaatgatac agtggttggg 240  
 aagtgttatt tgaaagatgg gcttatttaa tgtatacaga tgaactcaat tcctctgtaa 300

<210> 1503  
 <211> 261  
 <212> DNA  
 <213> Homo sapiens

<400> 1503  
 aaaaagaaaa aaaaaattag ccaggcatgc gaaacgctga ggtgggagga tcagatgagc 60  
 ttgggaggtt gaggtgcag tgagccttgg tcatgccact actgcgttct agtctgggca 120  
 acagagttag accttctctc aaaaaaaaaa cccaaaattg taaaattact tctatagcta 180  
 tttttatga taaagaagtg attgtttctc aaaatcgcat ttaaggacg ttttatggta 240  
 .cttgttgga ttgggactta g 261

<210> 1504  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1504  
 aagggtgggtg gatcacaacg tcaggagatc gagaccatcc tggctaacat ggtgaaaccc 60  
 tgtctctact aaaaatataa ataaattagc cggacaggcg cctgtcctcc cagctactca 120  
 ggaggctgag gcaggagaat ggtgtgaacc tgggaggcgg agcttgagcagg ggcaccatca 180  
 tatagctcac ttagcctca aactcctggg ctctagtggg ctccactt cagcttctgg 240  
 agtagctggg gctactgcac ctggaattgt cttaatctgt ttaatacta ttaaaatttt 300

<210> 1505  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1505  
 aattttcctt atatgttctt tgacccttga attacttaga aatgtatttt ttaatttcta 60  
 aatacttaca ggtttaaaaa ttttgtttct aattactaat ttaattctgt ttcacagaa 120  
 agcacgacca tcgtggcatt gaaacttgag ttatagccta ctatcatgat caatttaaaa 180  
 aatatatata tagggctggg tgcagtgggt cacatctgta atcccagtgc tttgggaggc 240  
 tgagggtggg gaatcacctg aggtcaggag ttcaagacca gcctgggtcaa catgacaaaa 300

<210> 1506  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1506  
 aaaaaaatt gtggtgattc acacctgtaa tcacagcact ttgggaagcc gaagcgggag 60  
 ggtcctttga ggccaagagt tcaaggccag cctgggcagt ataagagac cctgtctcta 120

caaaaaat	ttaaaagtaa	agaaat	agataactaa	atactacata	gtcatatatt	180
ttaaat	attacataaa	ggtaaacc	atagaagagg	aaataatgtt	atgccctact	240
tcatatgacc	aaaaactgga	agatagtgtc	tgaaaatgaa	aatgattgta	ttgggaaggt	300

&lt;210&gt; 1507

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1507

atgactt	agcttt	gggg	ctgcagg	agaagg	agtcct	60
gatgg	tctttg	cctaac	tttaag	ggctact	tttccc	120
gttta	acttc	atttg	cgggt	aaggga	gagag	180
tgctg	gggtg	aggcag	atgct	cggctg	gagcag	240
ggaagg	ctgg	gaggaa	ccacg	ttagct	aaccg	300

&lt;210&gt; 1508

&lt;211&gt; 252

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1508

cctgg	aggtg	cgtct	taaaa	aaaaa	tgggc	60
ggcgg	tgtag	gctact	aggct	tggaga	cttga	120
ggagg	gctgc	gccgag	cgccac	ctgcag	ggcaac	180
tgagac	tctca	aaaaa	aaaag	gaaaa	acttta	240
tttgaa	agtt	ta				252

&lt;210&gt; 1509

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1509

caggac	gatga	taagg	tgggg	gtgtat	tttttt	60
tttttg	aatct	ttcgc	gagtgt	tttgg	tttatt	120
ccataa	accaa	agggg	aaaaa	ttaaag	tcagata	180
aggttt	gtg	aagaa	ctcaa	taggt	caagac	240
gaattt	tctt	tttct	gtgtat	taatc	atattg	300

&lt;210&gt; 1510

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1510

gggac	agtc	aacca	caaaa	gcgtt	gagccc	60
ggcct	actg	caggg	cgatg	tgtgc	gatgcc	120
gagtg	ctgcc	cagcc	ctcct	cccag	caatga	180
agctc	cagg	cctct	cctct	ccagg	ccttgc	240
tcctg	gggac	gtagg	caaag	cccct	ggcac	300

&lt;210&gt; 1511

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1511

attattttaa	gcttattcaa	tttaaaagac	tacttgtaat	tccggactta	ttcttttaaat	60
agttgggtatt	aagggtttctt	ttgtaaaata	agaggtggta	gtattttttca	atgcccttaa	120
ttaacaaaat	taaaagtttg	aaaaccatat	gttgattctc	cctcatttta	aaaaattttg	180
taattccact	ggtcacaaa	aatcccaatt	gaggagagct	ctgggaagag	cacattctgt	240
caatgggtct	caacattttg	gtctcaggac	cactttacat	tcttatttag	gaaatgacct	300

&lt;210&gt; 1512

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1512

cttggatgta	tggtttaata	tgtatacctt	ataattctgc	ctctagccaa	atgctatggg	60
tgcaaaaatgt	ggcatctgtt	agttttttatt	gtctgtgtct	tctttgttta	ctataccttg	120
ggtaattttg	tgttaccaa	aaaaaaaaaa	gggacgggta	nggtnaaacc	cccaaaaaag	180
ncaatncnng	nttttancct	naaanncnna	tntcaanggt	natnnccaac	natngggntt	240
ttttnaacnt	tnaaannctt	tangcncnt	atnntggccn	ttnnnaantt	tggggggttg	300

&lt;210&gt; 1513

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1513

cccactgaaa	actgctgtct	agaccaactt	ttttttctat	tatttttttt	cttcttatag	60
agatgaggtc	tcactatggt	gcttgcccag	gctggtcttg	aactcctggc	ttcaagtgat	120
tctctcacct	tggectccca	aagtgtctggg	attacaagcc	tgagccacgg	caccaggtct	180
cagaacaact	gctattgggt	catttaacaa	actccattac	aattttactt	ttcgtctcc	240
ttttctagac	tgagtctctg	aatcattttct	cccatatatt	ctccatacct	agaaaacacc	300

&lt;210&gt; 1514

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1514

cgccgccccca	ctcgccccag	cgccgcccatt	gaaggccgtg	gtgcagcgcg	tcaccggggc	60
cagcgtcaca	gttgaggagg	agcagattag	tgccattgga	aggggcatat	gtgtgttgct	120
gggtattttcc	ctggaggata	cgcagaagga	actggaacac	atgggtccgaa	agattctaaa	180
cctgcgtgta	tttgaggatg	agagtgggaa	gactgggtcg	aagagtgtga	tggacaaaca	240
gtacgagatt	ctgtgtgtca	gccagttttac	cctccagtgt	gtcctgaatg	gaaacaagcc	300

&lt;210&gt; 1515

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1515

ggatctcata	gctagggaac	atttcacaaa	taagggtgaga	ttttgtaacc	aataataaaa	60
atgaatgttt	ttataagtaa	ataacttatt	tttcatatgg	ctaaagatgg	taaaatgact	120

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tcattctata gccattgtaa ataagaattt gctattgatg aaagaagttc agattggcat      180
ttgaagtatt gagtgtatgg gatctctaag gattttcttag attttatatt taaatatattt      240
ttaaacttta gaggagtcaa caaactggct cttgattttc agcaccctac tctcatgaaa      300

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<210> 1516
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1516
cccagccata atggagcctg aaatcaggaa ttcattgtttc aaggttacat gtacaaatgt      60
atgccctctc agaacaatgg ccatttttgag aaagccagtg agagacagcc agaccagggtc     120
ctctggccta gcacccacca gtgcctgccca gctcagccca agtctcctca cctaggatag      180
cttgatggaa taacaatgta ttttaatttt ctgtagacct aaaactgctc ttaaaaaagtc     240
tatttttaaaa atccatcatt aaaacacaga ctttctccat aataagaagt tggagggggt      300

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<210> 1517
<211> 247
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(247)
<223> n = A,T,C or G

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<400> 1517
tgctattgta ataataacaa taaagagaaa ttagaagtgg gagtcagggt agaaaaaaat      60
gcaaaggcct tggtccttag gagaccaaca ctccagctga gctggcctta gccccagccc     120
cttctaattt ctctttattg ttattattat tattttctct gctattgtaa tatttttttg      180
ttaattaaat gttttgggtca aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa nccngncccn     240
taaaaaaa                                         247

```

```

<210> 1518
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1518
gtgttgctca gtgagcagac cggactccag aaggacatca gtgaatgggc aaataggttt      60
gaagactgtc agaaagaaga ggagacaaaa caacaacaac ttcaagtgtc tcagaatgag     120
attgaagaaa acaagctcaa actagtccaa caagaaatga tgtttcagag actccagaaa      180
gagagagaaa gtgaagaaag caaattagaa accagtaaag tgacactgaa ggagcaacag     240
caccagctgg aaaaggaatt aacagaccag aaaagcaaac tggaccaagt gctctcaaag      300

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<210> 1519
<211> 300
<212> DNA
<213> Homo sapiens

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```

<400> 1519
tcattttctga tgctccatga tagagttgca aagcatgctt taaaaaatgc accttattct      60
gcattatttg caagtttact tgtgggtgtga atgttttttc tactatttct actattagat     120
gtgaagaaaa gtataacttg cttaaaatgt gtcacaccat gacaattagt cttctaatat      180
ttgcctcatt tatataaaat ataatacatg tttgtcagca tgtaaaggtc ctggggggcct     240
tgtacctaga gttaaagcag gcacaaagca gccatgacat tgtgacaaga tataccatgc      300

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<210> 1520  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 1520  
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 catagatggt gccttctcgc tgtatcctca atggtagaag cacaaacaag caagctcctt 120  
 cctgcctctt ttataaggac tccaacctg ttcattgagg ctctgcccc atgacccaat 180  
 cagctccaaa ggccccacct cctaatactg tcaccttggg ggtgagaatt ccaatgtgaa 240  
 tttgcagggg gaggnngngn aaangnnaat ttcggggcca taccaccctt caccacaccc 300

<210> 1521  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1521  
 tgaaggacct gcctgcggct gctttacagt ttgtttgttt ttttttaaaa taagtagaag 60  
 atatacacta aagtaatgat aaatgtatag tatagtaa acacaaacca ttaacagttg 120  
 tttattttca agtatatgta ctgtacatta attgtgtgtg ctgtactttt atacaactgg 180  
 cagcatggta ggtttgttca caccatcttc tccacaaacc tgagaatcgt gttgttgac 240  
 tgcaagtcata taagtttaga attgttcagc ttcattataa tttgtgggaa cataagatgt 300

<210> 1522  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1522  
 cccagccag ccttcagggc ccccttggat tgtgtagatg cagtctagcg gggggccgga 60  
 gaagggctca ggtgggaggg gcctcagcag gctcccagct caggggctgg cctgggggga 120  
 accctgggag ccaggggctg actccagcaa cactggcctg tctgcctgtt ctgggagggc 180  
 tgtgaggatg tcttgcatg gctctggatt tctgcggagg cacctccatt cctttctggc 240  
 tttttttgcg ggggagggct ttgggcctct ttctttgagg gaacaccgtc aaagaaagcc 300

<210> 1523  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1523  
 gaagaagctg cagaagaaat gaagaaagt atgatgattt agattttgat attgatttat 60  
 aagacacagg aggagaccat caaatgaatt aatatcactg tattaaaagt ctgccgggca 120  
 cagtggctca cgctgtaat cccaacactt tgggaggcca aggaggggtg atcacctgag 180  
 gtcaggagtt cgagaccagc ctggccaaca tggcggaacc ccatctccac taaaagtaca 240  
 aaaaattagc tgggcgtggt ggctcatgcc tgtaatccca gctactcagg aggetgaggg 300

<210> 1524  
 <211> 274  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(274)

<223> n = A,T,C or G

<400> 1524

ccttgtggta	gttaccacaa	cacatgcctc	attaagaaac	agcaaccatc	agagggaatg	60
cctgcctccc	tgttaccagc	tctgcagatg	tgacacatc	ttcctgtcgt	aagccaatgg	120
gacttaaaac	ttacctcttg	tgttttggag	actatctttt	tttttttttt	tttngaaaaa	180
gggnccccnn	gggtngctaa	ggcngnaggn	cagggggggg	ancnggggntn	anngaacnt	240
tnnccnangg	ggtnaangaa	nctntcnngc	ntaa			274

<210> 1525

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1525

gaaaaaggaa	agatggatat	ggaagaaatt	attcagagaa	ttgaaaacgt	tgtcctagat	60
gcaaaactgca	gtagagatgt	aaaacagatg	ctcttgaagc	ttgtagaact	ccggtcaagt	120
aactggggcga	gagtccatgc	aacttcaaca	tatagagaag	caacaccaga	aaatgatcct	180
aactacttta	tgaatgaacc	aacattttat	acatctgatg	gtgttccttt	actgcagct	240
gatccagatt	accaagagaa	ataccaagaa	ttacttgaaa	gagaggactt	ttttccagat	300

<210> 1526

<211> 294

<212> DNA

<213> Homo sapiens

<400> 1526

gctacttcat	aaaaataatt	tttttgaatc	atatttgga	atctagattt	tagatgataa	60
tttttgcccta	tggtactttt	agcttgcatt	gtgtaaatgg	ctgctagggc	ctgcgaaata	120
gatttttattt	ttggaggggg	atttgttttt	caatacagga	tgatgaaaga	gatgaaaact	180
tttctaatat	agtacaataa	ttggctgtgg	tcatttttaa	gggatcagtt	gcatagcata	240
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<210> 1527

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1527

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atcccaatgg	aagccctgtg	aagcaggcaa	gatttggaca	agtttcttca	ttttatagat	180
gaggagatta	agacttaggg	tgcatctgt	aggtgacatc	cccactccta	gcacaatcag	240
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<210> 1528

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1528

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gacattcaca	ccggaaatag	cacagagctc	caagtattgt	ggtctccttt	ccgattttat	180
tgctaaacag	caagaaaaac	agcagagggg	ctttcctggc	gagtcagaga	aatgcaacgt	240
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&lt;210&gt; 1529

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1529

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gcattcgcca	ccctgggcaa	catagcaaga	ccctgtgtct	acaaaaaatt	taaaaaaaat	180
tagcctgtag	ccctagctat	gcaggaggtg	gaggtgggag	aattgcttga	acccaggagt	240
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&lt;210&gt; 1530

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1530

taaaaaacca	ccttttgttc	gaaactccct	ggagcgacgc	agcgtccgga	tgaagcggcc	60
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&lt;210&gt; 1531

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1531

ccaacatggt	gaaaccccat	ctctactaaa	tataaccagaa	attagttggg	cgtggtggca	60
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aactccatct	caaaaaaaga	tgagatgaac	tcctaggttc	aaatgatcat	cctgcttcag	240
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&lt;210&gt; 1532

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1532

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atgttacttt	gcccaataga	tatattctat	cagaatgtga	tttgtatata	taatatgttt	180
acatattaaa	ttttgattca	attaaaattc	tccacagggg	agattctgtg	gtaagttctt	240
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&lt;210&gt; 1533

&lt;211&gt; 298

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(298)  
<223> n = A,T,C or G

<400> 1533

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tggcctgac	ttggcgact	gcaacctccg	ccttctgggc	tcaagtgtt	ctcctgctcc	180
agccttctga	gtagctgggg	ctacagacgt	gtaccaccac	acctgggtac	tttttgatt	240
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<210> 1534  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1534

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ggacgaatat	gagaagttca	agctctacct	gaccatcatc	ctgctcctgg	gtgccgtggc	180
atgtcgattt	gtccttcact	acaggtagtg	gggtgtggcg	tgtgtgcttg	ggcctgggca	240
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<210> 1535  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1535

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cgtaaagaaa	ttaagagaag	aggcaaggac	cccacagaac	acataacctga	aataattctg	180
aataatttta	caacacggct	gggtcattca	attggacgta	tgthttgcac	tctctttcct	240
cataatctct	aattttatcg	aaggcaggtt	gccacattcc	acaatcaacg	ggattacata	300

<210> 1536  
<211> 293  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(293)  
<223> n = A,T,C or G

<400> 1536

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acaatgtttt	acacttttaa	aaaaaaaaac	agaagggaaca	tttgctttat	tggttactta	180
ctagtttagc	ctctaggtta	tggcacagca	tgctaaaaaa	tcattgtgtt	aaaagtaaat	240
gttggtaaaa	tgctggcatc	tggtcctatt	gngttgatgc	atthttcactt	ctg	293



<210> 1537  
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 <212> DNA  
 <213> Homo sapiens

<400> 1537  
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 gatcagcagt acaaagagag gatacggaaat gcagaactct tcctccagct ggaaactgaa 180  
 caagtggaaac gaaattacat taaagaaaag aaggcagcag tgaaagaatt tgaagacaag 240  
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<210> 1538  
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 <212> DNA  
 <213> Homo sapiens

<220>  
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 <223> n = A,T,C or G

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 cctaaatcag aaatacaaaa tcaaccactt ttttgatgat ccagggtcta tgtatattta 180  
 ttacatgtat gtatatatgt atatatatatc ggcatgtgta tatatgtaca tncatacna 240  
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<210> 1539  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1539  
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 agagttccct ctgtatagcc tctgggacaa gaaaaagaaa acacaagaat gtataactg 180  
 gaagatttgg gctcctgccc tgccctctct ttgtttctgt tcctcttccc atctactccc 240  
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<210> 1540  
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 <212> DNA  
 <213> Homo sapiens

<400> 1540  
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 aaaacttcct aggatataag tacctactgc tgttttggtg catgtccagt taggcttttc 180  
 tctttttatt tgtttgtgta cctgtaactc catataagca tatataatca tgttacatat 240  
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<210> 1541  
 <211> 300  
 <212> DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1541

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gctgtaacat	ttgcattcgt	taacaccctt	tcattaattt	attaaatcat	tctccagtgt	120
aactttctgta	gaattcccag	tttttgcttt	tatgaaattc	tgtagttagt	gaacctcaga	180
ttttacaagt	aattgaactt	aactacagga	gaaggaggag	aagaagggtg	agggaaagga	240
caagaaaaaa	aagcaagata	taactttttt	tgggtccctt	cttttaatat	tttttctaaa	300

&lt;210&gt; 1542

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1542

ctcattttgtt	tcattcacat	tcctcacgtg	caacaacata	attatatattt	aagaaaatgt	60
aactttgttta	catcaaaaata	tggtgtctag	taaaaagttg	atattcagta	gaacaaggat	120
catgtaaata	aacatctatt	tcacatgtac	ccaaaagcat	ttaaaaagca	gaatccaggg	180
cccagagcat	gagccagggg	ggaggatggt	tttcttcttt	tctctatttt	tccttaaatt	240
gtgcaaacat	aggtgagtct	cttaaccttt	ctgtgcgtca	gttttttctac	ctctaaaggg	300

&lt;210&gt; 1543

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1543

gttaggttgg	acacagaagg	ggcaatcaaa	tttctgtatt	cagatacctc	ttaaaggtac	60
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aaaacagctc	tttttcctaa	aacacatggt	gtacttcaga	cctaaaattc	taagtcttat	180
ttgtttctca	cccatgagtt	agatttaggt	aatagtatta	gtagagtcct	tagagaatct	240
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&lt;210&gt; 1544

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1544

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gagactcaga	aaagatgttt	gttcaggggt	acaaagctca	gacaggacag	ggcagcattg	120
gaaacaaaaa	ttggtctgac	tcctaggctc	atgctgtaaa	tcacgggtgca	aggcttctac	180
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&lt;210&gt; 1545

&lt;211&gt; 245

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1545

atcgattaac	acttctaagt	agtcaagtc	tagggttttt	tgggttttgtt	ttgttgccaa	60
cgaggaacac	agctctgggg	gaatggtgtc	atccacctcg	ctttaaaaat	aagcacatga	120
tggctgggca	ccgtgggtca	cgctgtaat	cccagcactt	tgggaggctg	aggcgggtgg	180
atcacctgag	gtcgggaggt	tgagaccagc	ctggccaaca	tggtgaaacc	ccatcgctac	240
taaaa						245

<210> 1546  
 <211> 189  
 <212> DNA  
 <213> Homo sapiens

<400> 1546  
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 ggccacacag ggagcagtgt gggcccttag cccccaaggg gcctgctatg catgtggctt 180  
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 <212> DNA  
 <213> Homo sapiens

<400> 1547  
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 gtatgcatac ttctgcacc tagtaggcac ttgatttttt tttctttgaa tacacagcag 180  
 atgccatgta aactcattag tacttgcttc agaacactga attcttacct gtgttaaattg 240  
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<210> 1548  
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 <212> DNA  
 <213> Homo sapiens

<400> 1548  
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 caccaatgtt ttatgcaggg ttaatgcctt ctctttaaaa ttggacttct gattggattt 180  
 ctacctcatt tttcttatgt aaacacttat agttcacttt tgatatttat gggttttgat 240  
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<210> 1549  
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 <212> DNA  
 <213> Homo sapiens

<400> 1549  
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 actgggacaa atgaacatgc atactattaa aatacttcct acaataggca taaaatgggc 180  
 tttcttaggt gaaccaggag gtatagttag cctaatacata tgctatgatt attagtaattg 240  
 gttttctgtg ttttatcatt catattttgta aatctttttt gaatgactac ttggaaatga 300

<210> 1550  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1550  
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 ccatgtttta ttctttatga agatccccga gtattgagtg tgccagttac cagattctct 180

cccagctcta	aattacctct	tcattacttg	atctgcaata	ttggagccta	accctttagg	240
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<210> 1551  
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 <212> DNA  
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<400> 1551						
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attacaggcg	tgagccactg	tgcttagcct	gaatagctct	taaatctatc	cacttttctt	240
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&lt;400&gt; 1555

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&lt;210&gt; 1556

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1556

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aattgaacta	ctggaaacca	gtatgtagta	ttcttggcag	gtctagggtt	cataatccta	240
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&lt;210&gt; 1557

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1557

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&lt;210&gt; 1558

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1558

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&lt;210&gt; 1559

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1559

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agggcccttt	cttctactgg	cattctcact	ttgaattact	aagaagtttc	ttctaataatc	120

cctctatctc	ctttttcttt	ctagtttttag	ataaagctgt	caaaagaaca	gttatcatag	180
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tagagaaaaa	caacaaacag	tattgctggc	attcctctgt	agttaattat	gaatttgaaa	180
ttgccctggt	actaaaacat	catcctgatg	attctggact	tttggaatt	agtgcagtgc	240
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<210> 1561  
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<212> DNA  
<213> Homo sapiens

<400> 1561						
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ctggcttttg	tcttccatt	tagttttcct	cttttaccct	tccttttggt	cttaatttat	240
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<210> 1562  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1562						
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agtcatagga	atgacaacca	ctgccttcag	aattatggcg	acctctgcga	tggaagagaa	180
tgggatcaga	gaaggatata	caataggctt	taactgattt	tgtgattatt	gatattagaa	240
atgttttaaaa	ttaagatatt	aacattttcat	gaagctgagt	ggtgagcaca	ccagtgttat	300

<210> 1563  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1563						
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cccttcacga	tataaaatat	attatagaac	tgtgtaatta	aagcaatatg	gtactgggtc	180
ataaaagaac	ataaaaccaa	atagtccagt	agactcaaaa	tgcaagcggt	ggtgagggta	240
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<210> 1564  
<211> 300  
<212> DNA  
<213> Homo sapiens

&lt;400&gt; 1564

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aatgggtgaa	aatgtgacat	aaaaatgccc	tgtgttcacc	agattgtcat	atactttatg	240
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&lt;210&gt; 1565

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1565

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aattagaaaa	tgtagaaaat	gcctagaaca	gagtcctgca	tatggtttgt	actaaagtgt	180
tttgttcccc	atggatagta	tcttctctta	aagatccttt	gaaagggtct	taaagtgaac	240
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&lt;210&gt; 1566

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1566

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tgcaaccaat	tctagataac	ttaaatacag	accatgtttg	gaaattttaag	aaaaaaaaac	180
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&lt;210&gt; 1567

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1567

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cacaaattgt	taaaatcttt	ctaggagtca	ttttc aaatt	atgtatcaat	gacctaaaaa	180
tatttatgtc	tctgtttctt	atacttccag	aaatctattc	tacagtaata	accggagata	240
aaaaccttta	catataaaca	tgatttatta	tactgaaaag	tcaaaacaac	ataaatatta	300

&lt;210&gt; 1568

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1568

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tggaggaatt	cgagcctcaa	aatttgctgc	acagaatttg	catcaaaact	taatcagaaa	120
atttcctaaa	ggagatgtaa	tcagtgtaga	gaaaaccgtg	aagagatgcc	ttttggacac	180
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agatgggtcc	actgccacgt	gtgttctggc	tgtagacaac	attctttata	ttgccaacct	300

&lt;210&gt; 1569

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1569  
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 gataagtgt ctgatgaagt aaaatagagc actgtggaaa cacagaggag ggggtggaaa 120  
 aagtcaggga agtctgttca gaggaagtca catgtgaagt tagtgaagtg gggaaagcaaa 180  
 tgggtgcggt gggaaagaga gtagttcctg aaaagggaac agcatgtaca aaggcctaga 240  
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<210> 1570  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1570  
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 agcggttggt cattgacgag atctcaatgg tggaggcaga cctgtttgcc agtggccagg 180  
 cctatgtggc cctttctcgg gcccgagcc tgcaggcct acgtgtgctg gactttgacc 240  
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<210> 1571  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1571  
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 ctgctgtaaa acaacctata tggatgtga accgtagtat tcctgagcaa aacgtggctt 180  
 tcatcgcttt gtaaaaattt gcatctgttt agaaactagc ctataaaata tcaccattgg 240  
 atgtagatat ggagagaaaa gaaatatgtt gggtttattg cttagcgaaa tattctcttt 300

<210> 1572  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1572  
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 tgtgtgacag ctaattctta aaaaattatg aagatgttag acttcttttg atatatatat 180  
 gttgattgta tgaacagatt gacatcaata tacttattca ttataaaaga tttgagtggg 240  
 aactcacaa atccacacc aaaaaattt aaaattttac catagtaaaa aaaactaaaa 300

<210> 1573  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1573  
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 ttcagaatta tacaaagtat tgggcccacac caaatttgag tctggtatag tagccttctt 180



gtaaaaaatt atatcatata acattttttat gactgtgaag acctcttaac tcttcaggaa 240  
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<210> 1574  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1574  
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 ttaaacatcg cttctccacc aagcctgatt cttaaatactg tcctttccca gatagaagag 180  
 cacaaggttt ttgctaataga agtaaatgct catcgagacc agatcattga gctggatcaa 240  
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<210> 1575  
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 <212> DNA  
 <213> Homo sapiens

<400> 1575  
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 aataacaata acaacaattt ttgttttggg aaaaaataat acaaccaaat gaaaatagat 180  
 taatcaaac agtgaaaacc ctgtccctt ttctgagctt atgaaaagag aacctaat 240  
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<210> 1576  
 <211> 276  
 <212> DNA  
 <213> Homo sapiens

<400> 1576  
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 caggctggag tgcagtgaca taatcatagt ataagcatag ctactgcag ccttgaactc 180  
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<210> 1577  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1577  
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 tcaataaata tgtgaatgaa tgaatgtgtc tgtctgtcag tcagtcagtc agtgtttatg 180  
 ggatctgagt gtattcacta gtagattcta tgttcttact tggcttcaag aacctgtgaa 240  
 tgaataagga tcaccactgt aaactaaaaa caaaatttta agccatcagc tgactgaaga 300

<210> 1578  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 1578

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ttttccagat	caaatatgaa	atttattttc	atttttttaa	gtacaaaata	tcagttgtat	240
aatcatggta	aaacataaaa	ttttgctata	aaagattttt	aaaggctatt	tgattaaaaa	300

&lt;210&gt; 1579

&lt;211&gt; 78

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1579

ctcagaacca	ctctgtcgtt	tttaagcagg	gtcacacact	ctagctcact	gggtccattt	60
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&lt;210&gt; 1580

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1580

gccaggctgg	tcttgaactc	ctgacctcag	gtgatttacc	cgcttggcc	tcccaaactg	60
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ccagtttaca	gatagggaga	ttgaggctta	gaggaggcac	atagtggcag	aactaggatt	180
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&lt;210&gt; 1581

&lt;211&gt; 299

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(299)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1581

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aaccggggag	gtggagggtg	cagtgaacca	agatcacacc	actgcactcc	agcttaggca	180
atagagcaag	actctatcac	aaaaaaaaaa	ngagagagag	agananataa	agaggtntnt	240
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&lt;210&gt; 1582

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1582

tttaaaaaagc	atttttattat	gtattatgaa	atattttcaaa	cataaaaaaga	tgtaaagact	60
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ccttgattgt	gcattcacct	cccaaccctt	cgctccttgg	gcaactgtta	tctttgttat	180
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<210> 1583  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1583  
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 gaggaggagc tgaccaggaa ggttcaacct tcagattccc tggagcctga gtttaccagg 180  
 aagtgccagt ccctgctgaa ccgctggcgg gagaagggtg ttgccctcat ggtgcagcta 240  
 aaggcccagg agctggaaca cagtgactct gttaagcagc tgaagggaca ggtggcctca 300

<210> 1584  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1584  
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 acttggtgta gagtatgctt atttggctct ttaaccaaca aggtaacaga gcaagggtta 180  
 acacactcct caataaaagt gaacttttct tcacctaata tatactcata cacaagacca 240  
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<210> 1585  
 <211> 275  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (275)  
 <223> n = A,T,C or G

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 ataaaaaggt aaacagtata aaatcaggaa aggataaatg tatatgaaga atcaaatga 180  
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<210> 1586  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1586  
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 ccacaggcgc ctagagatg gggatgccaa gtggcttctc gggaagctgt aagaatccac 180  
 agggcattgt aagatggagg gaaatattaa gttttcttcg taaagagggt aggggggcca 240  
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<210> 1587  
 <211> 300  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 1587

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aacccgggag	gtggagggtt	cagtgagcca	agatcacacc	actgcactcc	agcttaggca	180
atagagcaag	actctatcac	aaaaaaaaaa	anagaganag	agagagataa	anaggtatat	240
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<210> 1588

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1588

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taggcccatt	acaaactact	gaatcatctt	ctaatttccc	tctaaaatat	ttatagaaat	180
atgtaagtag	aaaaacattc	atccttttct	cgtctaatta	tgatcctgcc	atattccagg	240
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<210> 1589

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1589

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gtgatggagc	tgtgatttga	accctgggtc	ctgattccaa	agccatggct	aagaataaat	180
aattcagtc	actaaaatac	ctaacttttg	caagccttgg	aaacagagtg	cagaagatta	240
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<210> 1590

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1590

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<210> 1591

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1591

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ccctgtgagg	aagacaggcc	atcctcacc	agcacatcct	actgtacccg	aagagagggc	180
gcagtgactc	atTTTTTg	gttggcatta	ggTTTTaaag	atggttgaac	gtccacagaa	240
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&lt;210&gt; 1592

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1592

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atggaagaag	atactaattg	ggagagccat	gttccccaa	aaaatgaaga	agaagaggaa	180
aaagagccca	gtcaggcagc	tgccatccac	cccgacaact	gtgaagaaag	tgaagtcagc	240
gagagggagg	cccaacctcc	ctgtcccag	gcccattgng	aggagttggn	gggatttcca	300

&lt;210&gt; 1593

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1593

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cttttgaacg	ggagatgttg	cataaataat	tggtgagtat	gcactttaga	ttctttgcta	120
acatcacatt	tggtgaaact	ataaaataat	tcccatgaaa	attggattgc	ttaatatcat	180
aactgatatt	taataatatt	taatattgct	ctaaaatttc	tggtctaaaat	gaaaatattc	240
aaccatcagg	aaggagaaac	aaaactatta	ctgtttgtta	acagtttatc	atcagtactt	300

&lt;210&gt; 1594

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1594

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ggttacatga	ttatcagtag	tagagacca	tgtatcctat	ttatttacia	aagaatatta	180
aatatcctat	tttaattttt	atattacagc	ctattttgat	tttttagata	aaagtctaga	240
gcttttattt	taatgaatgc	taagagatca	gaatgcactg	gcattctctg	atttaatatg	300

&lt;210&gt; 1595

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1595

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<211> 300

<212> DNA

<213> Homo sapiens

<400> 1596

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<211> 300

<212> DNA

<213> Homo sapiens

<400> 1597

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<211> 300

<212> DNA

<213> Homo sapiens

<400> 1598

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<211> 300

<212> DNA

<213> Homo sapiens

<220>

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<223> n = A,T,C or G

<400> 1599

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ccgcctcggc ctcccagaag gctgggatta caggcgtgag ccaccgcgat tggccgcagg 180  
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<210> 1600  
 <211> 278  
 <212> DNA  
 <213> Homo sapiens

<220>  
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 <223> n = A,T,C or G

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 aaaccctatc tctactaaaa atatagaatt agacagggcat ggtagcgac gcctgtaatc 180  
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<210> 1601  
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 <212> DNA  
 <213> Homo sapiens

<400> 1601  
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 gcaaaactaat ctttgtaaag cagtcagttt cagaagatac tttttatcaa aaaagatggc 180  
 aggtttaaca ttataccttt tggtttttgc ccaacatttg atttaatcta aagcaagaat 240  
 ataaaataat tttaagaagc atataatttc ttttgataaa aagtaacaaa aatttaatgc 300

<210> 1602  
 <211> 298  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (298)  
 <223> n = A,T,C or G

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 aggggcaacc aaagatcatc ggcttgacta ggccctttgc cctgaacctc atgaagaaat 180  
 gataggaggc agacatatgt gcctaaaaag agcggttgagc tcagacagga gcaactcggn 240  
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<210> 1603  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1603  
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 tataaaagat gtatgctgtc atttttgttt tggctcctag aaaatatagc agaaagtga 180  
 aatttgtgcc atacatcctg ttctgcacct taatatggaa gtttgccttt ccacacgagt 240

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<210> 1604

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1604

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<210> 1605

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1605

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gtagttagt	gtagttttat	ttcattcatt	tttgttatta	tgtattatcc	ctttgaatta	240
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<210> 1606

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1606

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<210> 1607

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1607

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<210> 1608

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1608



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&lt;210&gt; 1609

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1609

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&lt;210&gt; 1610

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1610

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&lt;210&gt; 1611

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1611

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&lt;210&gt; 1612

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1612

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&lt;210&gt; 1613

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1613

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tgatcctcct	gtgtagctgg	gactacaagc	atgtgccacc	aatgcctggc	ttctcacact	120
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&lt;210&gt; 1614

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1614

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&lt;210&gt; 1615

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1615

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&lt;210&gt; 1616

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1616

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&lt;210&gt; 1617

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1617

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gcacaaggtc	cctgctctgg	agattctgct	tcagtgggtg	agacagaaaa	taaacagtgt	180
cccgtcacca	attttccttg	gaattggaca	gatggcagcc	accataatga	tactatatgt	240

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<210> 1618

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1618

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aataaaatgg gatcctccac agagatttaa tctgtagaag atcaaacacc tgttgcctgg	240
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<210> 1619

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1619

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<210> 1620

<211> 98

<212> DNA

<213> Homo sapiens

<400> 1620

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<210> 1621

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1621

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ctgaattaac tataaaatta aaatacctgc taattattat cttctaaaat aacacaaaat	180
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<210> 1622

<211> 129

<212> DNA

<213> Homo sapiens

<400> 1622

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<210> 1623  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1623  
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aactggagct tagtcccact gagggcccct gaggaactgc gcagaatgta agacagagga 240  
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<210> 1624  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1624  
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<212> DNA  
<213> Homo sapiens

<400> 1625  
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<210> 1626  
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<212> DNA  
<213> Homo sapiens

<400> 1626  
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<210> 1627  
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<212> DNA  
<213> Homo sapiens

<400> 1627  
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&lt;210&gt; 1628

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1628

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&lt;210&gt; 1629

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1629

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agtgaatat ttattcatga aagagtagtt catgtcatta agtgtatgaa tggagtgtatt	300

&lt;210&gt; 1630

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1630

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&lt;210&gt; 1631

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1631

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cattgtggaa gttacttttag gctgacagt gaaggagttt cctctagaga gagtttctgt	180
taacttctga tctgtgttct ttgttaaagc atgtctcttg taaacagcat atagttggtc	240
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&lt;210&gt; 1632

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1632

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&lt;210&gt; 1633

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1633

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&lt;210&gt; 1634

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1634

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&lt;210&gt; 1635

&lt;211&gt; 164

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1635

cggcacgagc	ccaggctggt	cttgaactcc	tcagctttta	cttttagcttc	ccagtgtggt	60
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&lt;210&gt; 1636

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1636

gggaaaagaa	aaatagtagt	agaagaggag	gagccattac	tttcatttct	gttcattctg	60
aagaaacaga	gatgactctt	tctgtataac	tcaaattctt	aaaagaaacc	cttgatatat	120
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&lt;210&gt; 1637

&lt;211&gt; 300

&lt;212&gt; DNA

<213> Homo sapiens

<400> 1637

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gtaaatgaaa	aagttcacia	tttggaaaaa	acagtgtctag	atgtgttatg	gaaattgtta	180
tcacaaatta	ttccactgaa	actcaagtat	ataagacaac	aatatattgc	tgtgaaatct	240
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<210> 1638

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1638

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gatcagtaac	accaagagac	accaaagttg	aaagttttgt	tttctttccc	tctgttttat	240
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<210> 1639

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1639

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<210> 1640

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1640

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ccctcaaaaa	aagctaattg	aatatattggc	ataaagggca	tttggtggtt	ttatttttgt	180
ttgaggggga	ttgtcagaaa	atcccttttc	tctcttacgt	ctaactgact	agggaacaat	240
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<210> 1641

<211> 300

<212> DNA

<213> Homo sapiens

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<221> misc\_feature

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<223> n = A,T,C or G

<400> 1641

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taatgagcag	gttagcactg	tggaaccacca	cgctcaatcc	cactgagacg	tgagggaagct	240
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&lt;210&gt; 1642

&lt;211&gt; 298

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1642

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aatttaaaga	cctctttgac	ctgaacagct	ctgaagagga	cgacaccgag	ggattctcgg	180
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&lt;210&gt; 1643

&lt;211&gt; 277

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(277)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1643

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gtgtgtgtgt	gtgtgtgtgt	gttttatgac	ttaaataatct	ttacgtgtgt	tttttagagc	180
ttggttcctt	aaagatttgg	agaagatatg	taaattacca	aggcacttgg	ttcttctgtt	240
ttatatacta	ataatcaggg	cctaagttaa	ataaaaaa			277

&lt;210&gt; 1644

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1644

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gtgctgggtt	attctgatgc	acagtctagt	ttaagaacca	ctactttggg	ttaacgtttt	180
gactgtttta	agtttatggc	ggtgaagtgg	gcattctcaa	agactagtac	ttacacagtt	240
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&lt;210&gt; 1645

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1645

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<212> DNA  
<213> Homo sapiens

<400> 1646  
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caacaagctt atagagataa gcttgcacag caacaggcag cagctgctgc agctgccga 180  
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aatggagcac atactatagc aaataatcat actgatatga tggaagtgga tggggatggt 300

<210> 1647  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1647  
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aatttgtaac ttataaaca tgttttatgc ttgaggaaat ttttaagggtg gtagtataaa 180  
tggaactttt ttgaagtaca ccggatatgg gctacttggtg actagacttt taaactttgc 240  
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<210> 1648  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1648  
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atttcccaga gcctctagaa ggactgcgtt ttgcttttgc ctcggtttta gccagtaag 180  
acccatttta gacttctgat ctttgggaatt gtaggttaat gcatttatat tattttaagc 240  
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<210> 1649  
<211> 166  
<212> DNA  
<213> Homo sapiens

<400> 1649  
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<210> 1650  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1650  
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&lt;210&gt; 1651

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1651

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gaaatgcctg	ggtttttttg	gtttgttttt	gtttttgttt	ttttatcaaa	tcctgcctga	180
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&lt;210&gt; 1652

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1652

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ccagctgagc	aaggagagct	ttgcctcttc	aggagactgg	aagttgggga	agactccaac	180
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&lt;210&gt; 1653

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1653

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&lt;210&gt; 1654

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1654

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&lt;210&gt; 1655

&lt;211&gt; 300

&lt;212&gt; DNA

<213> Homo sapiens

<400> 1655

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aatggtgaaa	attatatagt	tctcttaatt	ccccacctct	aactatattt	ttgggttatt	180
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<210> 1656

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1656

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taggtagtat	ttattgagtg	catatcatgt	gccaggcctg	gtgctgagtg	cttacaatga	180
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<210> 1657

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1657

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aaccagatc	tgccctgtct	tagaggccgg	ccctctagg	agacagcatg	tggggccacc	180
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<210> 1658

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1658

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aggcaccccc	atatatccat	cactcgaact	gtacatttct	aaatgtacat	tgacctttgg	240
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<210> 1659

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1659

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<210> 1660  
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 <212> DNA  
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<400> 1660  
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 <213> Homo sapiens

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 gaagttggac tagttttgca gtgcttaact gcacagagca ttagaatcac ctggggagac 240  
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<210> 1662  
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 <212> DNA  
 <213> Homo sapiens

<400> 1662  
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<210> 1663  
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 <212> DNA  
 <213> Homo sapiens

<400> 1663  
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<210> 1664  
 <211> 300  
 <212> DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1664

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&lt;210&gt; 1665

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1665

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cctttgtctga	ctctttctca	gcatttctgc	taggggttcag	tccatggctt	ccttcacatt	180
tctgtctcac	tttctccctt	aatgttgcta	tctagtcttt	taattttatt	tatttctagt	240
tttaaaattt	aatttttaaaa	acttaatttt	atttaatttt	tgagacacag	tccttgtagt	300

&lt;210&gt; 1666

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1666

aaaattatca	aaccatcctt	tgctggcatt	aaatattcaa	gttgaagatc	cttcaccttc	60
ctttaatcct	atattagagt	ctataggtgt	gtctttctta	tagcaatcct	gcactcacat	120
aaaaactgga	ttttcaatat	aagatcaaaa	tgtatttcac	aaaaaatgca	tctttatatt	180
tggttacatt	tctcctgact	gaatgggtgcc	atgtacagtc	tgtgtaagtt	atagaaaacg	240
tttgccaact	cgtagtctac	cattttggta	tttgggttct	atttgggttcg	tctgggtctt	300

&lt;210&gt; 1667

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1667

ctgagacatg	agaatcactt	gaacctggga	ggtggaggat	gcagtgagct	gagattgagc	60
cattgcactc	cagcctgggc	aacagagcga	gactcttgtc	tcaagaagaa	gaaaaaaaga	120
aaaagaaaaa	gaaaaagaaa	aaacttttga	tgccagtagt	tctgtgaaga	caacaaaaaa	180
gcagggcttt	gagagagagc	aatgagggca	taggtggctg	attacatcag	atgggttaat	240
ctccaagtga	aatttggggg	aacggtgttc	caggcatagg	gaatagcaga	tgtaaaggcc	300

&lt;210&gt; 1668

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1668

gtaaagtgtg	ctgattgaga	actagagttg	tggggtcaga	cagacctggc	ttcaaatect	60
cctcgccac	ttacagctat	gtgatctctc	tgagctcagg	tttctcatct	gcaaagtgtg	120
gttaataata	caagttcttg	ctcattgttt	tgttgggagg	agtgaatgag	ataaatcacg	180
taaagcacgg	accacagtga	ctggctgata	ataagcctca	gtggatggtc	gcccttagaa	240
ttattttgtg	accctttgct	tttgaggcag	ctggtgagct	ctgtagcctc	agagattact	300

<210> 1669  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1669  
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acgatgcccc gtaccagcgg gcgtctgaga ctgaaacatt aattctgaag aagaagaaac 180  
tagacagtca gacctccagg actaagatga agtgagccga gaggagatcg tatcataaga 240  
atgcttctgt cgtagccgg gtgcagtgt gtgtgtatct agttccagct acttgagagg 300

<210> 1670  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1670  
ctaaagccgg ctatgggaag ccatgtcata cttggctacc ttcctatggt ccttctcaca 60  
gcaaaactct tggactgac atttgaagtc acccctctgt gtcttcttgt gaaatggctt 120  
gggcgtctct gggctctgac ttgctcatct gggaagagat ggggtagagg gagttggatt 180  
ataaatcatg cttcactcag tcaacagaat gctactcagg cactaaaaat gatggcgtag 240  
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<210> 1671  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1671  
aaaatgcttt cctatacatc atcttaccac agtatcgtga gacagtcagg aaaagtagac 60  
aaatgtcatt aacttcattt taaagatgaa gaaactcagg cacaaaaaca gttatcaaat 120  
tgccaaaagg gcacatagtt ttagaaatgg gactgaaatc cagctttcct gactcaaagt 180  
cctatgttaa tccaccagtc atttattgag cttctgctat gggctatgta ttgtgctgaa 240  
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<210> 1672  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1672  
tataatctgg gggtagagag caagaagaag tactttgact ttgaggagat tctggccttt 60  
gtcaaccacc actgggagct cctgcagctt ggcaagctca ccagcaccac agtgacagat 120  
cgaggaccac atctcctcaa cgctctgaac agttataaaa gccggttcct ctgcggcaag 180  
gagatcaaga agaagaagtg catcttcgc ctgcgcaccc gcgtcccacc caaccgcga 240  
gggaagctgc tgcctgacaa aggactgctg caaatgagaa cagcgcctcc tctgagctgc 300

<210> 1673  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1673  
cttgcttgaa atacagaatg tccagatcta ctgagtcaga atttacattt tcaaaagctt 60  
cctacgtgac tcatgcatat taaagtttgg gaagcactga cttagattac cttttgagaa 120

ttccagatgg gtcagaaacc agacagaaat actcagtagt gagaagctat ggtgtatcag	180
aagctggttag gcatttcatg gtttggttagt gagcaagaca gatagttttc ctgtattcag	240
cgacttagtc tagagagaga caggatggaa ttaagtgttt aggtgctagc caaaagtaaa	300

&lt;210&gt; 1674

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1674

aatcagtgta ttaaacttta tgtatatatt ttagccagag cttaattttt atgaagataa	60
agacatgaag ttaacaatg gacaacagtt agtacagcta attgtgaggt caagtaattg	120
ttagacatag gggaaggctt tggtccacaa tattatatgg accactgaac aagaatgaca	180
gccctttgtt atcacttggc atatgaaaag tgttgtgtgc atagttttgt ttaatttttt	240
atgtgcataa aaatgtgatt ttaatttata tgctctgaag gataattcag ggtatagtta	300

&lt;210&gt; 1675

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1675

aatccttctt gggaaacatg ttattgtcct cattgtccag attagaaaac tgagtgtaaa	60
gtaagttaaa ttatagtcct aaggttgaat gctaataaag acagaatata agtccaatat	120
attggactca aaagccctca cttaactatg gtctccatgg gcttcccttg gctctctctg	180
ccttttttta ttttttctta ttgcttgagg ccctttcttg aaggtaagtc tggattatct	240
acttcacact gtttttagaga agacttgtgg ttccattta ccccttactc cctccgctcc	300

&lt;210&gt; 1676

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1676

ctttcagtg cctccctgtg gaagtgacat gctcattttt gccttattct gtaagtgggg	60
agtcactaag tctagcctat attcaagggt aaggagagtt aagctccacc tcttaaagggt	120
aaaatttata gacattttca aatgactaca tcaacttaacc cctcaccatc tgccctccca	180
ttgctagcac ttgatgacta gcccttgcgt ggctttacat gaacagatgt ttcccaaagt	240
tataaaatta gtaccactaa aatgtatcaa atgttaagcc attctgtggt atgtcatagt	300

&lt;210&gt; 1677

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1677

gttacaaaca gtggaaaaca gacattttca gatgtttgca caccatgcac catgcaaaat	60
acaaaccagc tgaatcataa aaacaaatga ctagttactg ggagggtttt ctctctttct	120
cattattttt acttctacca aagtaatgtg cacatactgg taattttatt ttattttaat	180
tttcaccaag ctagctaatt ttctttcttt tttttttgng naggnngggt gtcggccttt	240
tgctgaggnt gatctccaac tctgnccctc aancannct tccncttggg cctaccagag	300

<210> 1678  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1678  
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 atttggggga agtgtagtga ggaggagccc agaggacccc aggggagtga ggaggagaa 120  
 cttggaaggg tgcagcccac ttccagactc tcccctctcc cacccttcta ccctgtgaag 180  
 ggaaatgagg gcttttagttt cctgggcagg gaggggcagc ttctgagggt gccaaaggcc 240  
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<210> 1679  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1679  
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 ggaaagtgcac tggggtgagt gaggttccaaa tggagggaac tgcattgtgca gaggcctgga 120  
 ggtgagggga acctgggcac attccaggag ctgaagggtt tgttgtggct ggaacataaa 180  
 gagccaaagg gggccaagca gtgcttcaca cctgtaatcc cagcactctg ggaggccgag 240  
 gtgggcagat cacctgaggt caggagttca agaccagcct ggtcaacgtg gtgaaaccct 300

<210> 1680  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1680  
 aggcatttca aactgaacac atctgataca gaacttttca ttctcttccc aactttgccc 60  
 acgccagcct gctcctcctt cacgctttcc acttagtata tgatccactc attcactcag 120  
 tctctgaagc ttaaaaccta ggattcatcc ttgactactg tattctttac aatctactcc 180  
 taatgcatta gcaattcttg ctactcttac cttcaaaata tattctgaat agactatttc 240  
 ttgccttttc ccttgctctc ccatttccca tctgcacccc ttctctcctc cccaaatcaa 300

<210> 1681  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1681  
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 aagtgccag gagaggcctg agcttgagac ttacatctgg gactcattgc taagtaaatt 120  
 atatttatgt aatgggaaag gatgaaaacc cacatgtagg atgagagttg gccttgagcc 180  
 tttagcgttc ccgtagtctc ttttatttat ttatttattt attttgagat ggagtctcac 240  
 tgtcgtccag gttggagtgc agtggcgagg gcgcgatctc ggctcactgc aggtcccgcc 300

<210> 1682  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1682  
 ttcttgagga gctgagcctt cgctcctcag atcacaggct cacatgttga agctggcagt 60  
 gctagagact agttcctatc tgtgtgacag catttttaat ttaacaggac cgcctttgat 120



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gttcccaaat atttatagge agctttagat catttcagtg tgtgctttct ttttcttctc 180
tctctctctc tctcttttaa ctggagcaaa agttcttcct catgcaacag ccttcctttt 240
atcctgttta gtttattttt gtttcccttg cagctttggc gaaggctgtc tggctgcatt 300

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&lt;210&gt; 1683

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1683

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tgaagccagg aaaggggggtg ggctaggggg tgctgtttta ggtagagtga tgggaacagc 60
cccactgagc atacttttagc cacatgagta gctggaagaa aagccttcta ggaccagggg 120
acagcaagtg caacagccct gagacaggat gggcttgtca gtttgaggag cagtgggagg 180
cctgaaccag gttacatggg gccagccag tatggccacg actttgtgtt ttatccagag 240
tacaaaggag cctcactgag ggacaaggga agtggcatga tgtgaccgcg atattaagag 300

```

&lt;210&gt; 1684

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1684

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gcggagaaga ggggtagtgg ttggaaggag gaattctcct ttagggaaga tgtctgggaa 60
ggcctctctg agagagtggc ctttgaaagg agacccta atgagaggct 120
gagccatgta agtatctgga tggaaaacat tacaggcgga gacagtgtg tgtgcaaagg 180
ccctgggaca gggtcacccg tgtaacatg gcgcatgag ccagcctctc aggaaaaggg 240
tctcatgaac aaatgaggaa agcaagtaga ggtaggcgag ggaggagag gcaaaggaat 300

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&lt;210&gt; 1685

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1685

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agcagtatag ccacagcacc aacgaatgag gaagagcaaa atactgcatg acagctttgc 60
taagaattct ttcacttttt ttgtctatca gccaggagct agcaacttgg cttatttgga 120
aattttaagt gtacatatcc tggctcctta aatcctttac agatttaaag tgcagtcagt 180
ggagggcgag tggtttcgga aaaaaaaaaa aaaaaaaaga aaaaaaaaga aaaaaaaaga 240
ttttttcttt ctntnaancg gantcggnat ggggttggat nttttcaang ggggggttaa 300

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&lt;210&gt; 1686

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1686

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cccaacccca ggtgtgccgc gtgctgcccc tgagagccct gccccgcgct gtgaccccg 60
agatgcgcgc cctgggtgga gactggctgg tccaggtgca ctaggagta cctgggtctg 120
gctggtgaca cactttatct ggcggttcac ctgcttgatt cctacctgag cgctggccgc 180
gtgcgtctac atgcctgca gctgctgggc gtggcttgcc tgtttgtggc gtgcaaaatg 240
gaagagtgcg tgcttcccga gccgccttc ctctgcctcc tgagcgcgga ctcttctca 300

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<210> 1687  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1687  
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 tttccccctt ttgctcaaca cttcttctg ccatcatgtg aagaaggacg tgtttgtttc 120  
 cccttctgcc acgattgtaa gtttctgag gccttcccag ctatgtggaa ctgtgagtta 180  
 attaaacctc tttcctttat aaattaccca gtcattggga gtcctttaca gcagcatgag 240  
 aatggactaa tacactcctc aaatgttttg aagattgttg caccttgga ctaccagtgt 300

<210> 1688  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1688  
 agttttggat gagacttggt atgggtccatt ctgggacaaa attcctctct ctctctctct 60  
 gcggaccctg gaaatctaga aaataagtta tttgcttcta aaatacagt atgggacaga 120  
 cataggatag acattcccat ttcaaaagt agaaattggg ccagggtgcag tggctcacac 180  
 ctgtaacccc agcacctgta atcctagctc ccaggcggc tgaggcagga ggattgcttg 240  
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<210> 1689  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1689  
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 tcccgcgaga cagggtgttg ttttaatgcc catctcacag atgaggaaaa gatctcaaag 120  
 taccttgatt atttaccaa agttcccgac ccaggccttt aaaacttttt atgcatgcac 180  
 cgctcttgga ccacatcaga caatcaccac aaaacgatgg gctgacagtt actagagggt 240  
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<210> 1690  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1690  
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 cctcttccta gttttcccta agtctgcaga agacaaagat cctgtttcca ggccatgaaa 120  
 ggactgaagt aaatattgta aataagtaca gctgaccctt gaacaacatg gaggttaggg 180  
 gttcagttga aaatctgcat gtaagtggac ctgtgcagtc caaacctgtg tttactgct 240  
 gaattaaagg tgcttccttc tgctcattga tattacccat atttacaac atgctagaga 300

<210> 1691  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1691  
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 ttccatttat gtagtcattt atttatttta atgtcttcga aagtattgac tttacaagt 120

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actttgtgat gcatttatta tttcatttgt tattatttat gtatttgatt tattttctttg 180
tgaggtagga tagaatctca gtcagatttt tgctgtagg ataccacaga ctggataact 240
acaaagaagg gaagtctgtt taactcgcaa ttctagaggc tggcgcacatc aagagcatga 300

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<210> 1692
<211> 300
<212> DNA
<213> Homo sapiens

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```

<400> 1692
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tactatgaaa ccaccaagg tgagggttaag gatgctgctg cttagaaaga gatgcagaca 180
aatgtactaa tgaaggctca acacagctct ttcaaggcaa gacagggtcaa gaggacaaaa 240
agtaaaagta tgaaaggctt taagaaatca ggtagatcgt aggtgtatgt gtgtgtgtgt 300

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<210> 1693
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1693
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agaaacaaaa gcataactat attatttata ttacaaaagc aatctttaga aaaactaaaa 120
ggggtatata agtattgaga ggagaggaaa aggaatgata tggatcatg aggtaatattt 180
tgatcaatta tagtaggaaa tagacaatat ctaaaatgga taaagggaaa atggcaatat 240
tatcttttta ttttatatta ttttaatttt ttaagacaag tgctcgctct gtcgcccatg 300

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<210> 1694
<211> 283
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(283)
<223> n = A,T,C or G

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<400> 1694
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atgacttttc tctagcactg tccagattgc aggtgtcttt cctgatgcga tatgggggcta 120
tcccttacc ccattcttat ttcacggaga aaagaaaagc aatttttttt ttttttnnaa 180
acanagtctn attttgtcnc cnggntaaag gncagggnca nnatntnggt taanngnanc 240
ntnngcnttn ggggttaang cnattttcnn gcntaanct ccc 283

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<210> 1695
<211> 300
<212> DNA
<213> Homo sapiens

```

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<400> 1695
ggccactcog cctcttccct cccttcgtcc cttcttcttc tccctttttt cttcttctct 60
tccctctctc gccgccaccg ccagggaccg ccggccgggg gacgagctcg gacgagcagc 120
caggtagaac ttttagacttc atagcactga attaacctgc actgaaagct gtttacctgc 180
atgtgttcac ttttggtgaa agtgaccatg tctcaagttc aagtgcaagt tcagaaccca 240
tctgctgctc tctcaggagg ccaaatactg aacaagaacc agtctcttct ctcacagcct 300

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<210> 1696  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1696  
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 aaaattaatg tgttggcagt ttgcaatatg ttaaattttg gcattatctc tcttttggca 120  
 atataaaaat ctttttttaa aaaacatgac atttgaattg aacatgtgca gaaccctga 180  
 agtatgtctg agaaacccta ggttctgtgg catatgagat gaaaaccact gacaaagaga 240  
 accagatatt acatatgttc actgcatttt cacatcaaga aggcttgga aaagggctag 300

<210> 1697  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1697  
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 agaagtgacc agaaggtaag agtgtgagcc ctctgtcacg cccagataag cgcaactaga 180  
 ggactccttg gtctagtggg aacgccagtg cctgggaagg cacctgttac ttaagcggga 240  
 aagggaatct ccttttccct ggaggaatta gagaacactc tgctccacca cttcttgtgg 300

<210> 1698  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1698  
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 ccagtcggaa aggatagact gcacacctga ccaggagggtg accgaggata tctgcagatg 120  
 gcaatataag tgctgtggt cgctgtggc agatgccaat gtccctaggt gcttcttccc 180  
 ctggaactgg ggctatgaag ccagcaatgg ccatacaaat acaagcacag gatttactgc 240  
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<210> 1699  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1699  
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 cggtttggac tgagagtgaag cagagaagcc tgtagagag tttcaaataa agatgggaca 180  
 tgatctggct gatgttcttg gaggacatgc tgctgctgtg tctcatgaga atagactgaa 240  
 gcggggaaga gtggaagtag gaaaaccagt tgggaggctg ttgtaacctg ggtgagtga 300

<210> 1700  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1700  
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 cggtgagggtc ccacctgccc cactgtccat agaggcctg acctttcctg cctccaggta 120

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aacacataag tgcctcccg gctgacttcc gatgtgtatt aggatccag tgagacttct 180
tgggcgcatg ctgaaaacaa gcttaaatc tggccccaac aatacagagt gagccaagac 240
gacatgacct ccttcttcag agaaataaat gcctttctcc aaagcctcta gaactatagt 300

```

&lt;210&gt; 1701

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1701

```

ggcattcaca ttttaatat ccttgatga acatggcatc atatgattag aaaacaaaaa 60
ttcatttttg atggctgttg tggtcagatc gtgtcctcta aaattttatg tgctggaaac 120
ttaatttcta gtgtcaacag tgcgagagg taggggcttt gggaaagtta atggattaa 180
tgccacata taagggttg ttggaggga tttgggtctt ttgttgcccc tccatcctt 240
tctaccatgt gaggacgcca cactcctccc ctttgaaga tgcagcaaac aagggtgccat 300

```

&lt;210&gt; 1702

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1702

```

ctcgacttaa ggcaaagcag gagaagcgt cagagaagga cacgctcaag accagcaacc 60
ctctagtctt agaagaggca tcagccagcc aggcaggcag cagaaaggag agtcgggttg 120
aatcatctgg caagaacaaa tcctatgatg tgcgaattga gaactttgat gtgtcttttg 180
gcatagagt actgctggct ggagcggatg tgaacctggc atggggccgc cgttacgggc 240
tggtggggcg gaatgggttg gggaagacaa cgttactgaa gatgctggcc acccgagtc 300

```

&lt;210&gt; 1703

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1703

```

ggaaaattcc agtttatacc tgttgatct gtgtaattat tggtagcact ccctttcact 60
cttacaatgt cttgggtttg atgatatatg gtgaagtgtt tgttgaaact aaattatgaa 120
gtctgatata tttggataaa aataaagaat tgcttttctt ctctttttgc tgattttttg 180
acacatcatt ctaagcaaaa tcctctcagc ttcgtatatt tcagcctgaa gtacttctta 240
ccaaagtgtt ttcattgtaac atttgttcaa tatgttcgtg acatgtctct cagtaatgaa 300

```

&lt;210&gt; 1704

&lt;211&gt; 287

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(287)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1704

```

tgtacataac tatttaaatgc agcggcagcg gcgacagcct tccctgagag gacttaaaag 60
cagaaggaaa ccgagatgct tccgcagcc gtggacgatt ctccaggact ctttttttac 120
cttgagcact tgctcgtga gacttcatag aacagtgggt tactgtcccc cccttctcac 180
ctctcattc tctctggctc tttctgtctt cctcttctca cctcctccc tccccttagc 240
catcacttct gggaagtann nnnctgacct aaaggtttta gattcnc 287

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<210> 1705  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1705  
 gggatcaagt ccattcaggtc ccaggaaaagg cgtgaatggg agtctgaagg ggagaaatgg 60  
 aactgcaaat aattatttgg aattatttat ttatttattt atttatttat ttattttttg 120  
 agactccatc tcaaataaat aaattaaaaa aaactgctcc aaacaaaaag atataactta 180  
 ctttagtgca taattctaaa cgggtgtttt gctataaagg gcatcattgg gataaatggg 240  
 gaaacttgaa tgggatctga gaattacatt taacttttct gtaactttgt gcttatttca 300

<210> 1706  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1706  
 gtcagaggtc aacaatgagt atgtggcaat aacaggattc aaaccagat ctgttagctt 60  
 ccaaagtcc tgggtcttaca tgctaccac tagttccttg gagggggctc cggaccatgg 120  
 aggtcacaca ccagtgtctc gagtgtgggc ctcacagcac ctgcatcaac atgaggttgg 180  
 gatttgatta aaagtggatt tctggggcca cccacattct gaatctaaag ttctgggtgt 240  
 ggtttttagga acctgtgctt ttaacaagta cccttagtga tttatatact tactaaacac 300

<210> 1707  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1707  
 gagcagtaag gtcaatttct agtctgctct tgtttccgac ttgtgaaaat aagctgttaa 60  
 tttacattgt ccagggtgagg gagaccacct ggggagacag ctgttttagaa acaaaaggaa 120  
 agatgggttt tgtttgtgtg gctcagtttc aaagcttaat tttccctttt tttgtagtga 180  
 gtttgtgatc ccaagatttt attttccttt tacaatcaca tggaatggca cccatttatt 240  
 tagaattgtt tctctactgt ctctcacct gctggagact gtgagcagct ttatggctct 300

<210> 1708  
 <211> 296  
 <212> DNA  
 <213> Homo sapiens

<400> 1708  
 attacaacaa tatggatagt agggaggagg aaaacaagag gagaatggga tcaacagaag 60  
 gcatatatgg ggagtgtctg gatggctgga aaattccatt ttttgaccaa gatgtggtaa 120  
 acacggggag taaagttata atttttctc ttactgtgct tttaggtttt gttgctttct 180  
 gtctgtatgc tgtgttcac aataataaaa atatttaaaa ggcaaaaaaa agtaaaataa 240  
 tgaatataaa attacactga aactacatat tctcatagat agaattgtaa ttatta 296

<210> 1709  
 <211> 226  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (226)

<223> n = A,T,C or G

<400> 1709

gaaacactga aatgtatact tttaagtggg tagatTTTTat ggattgtgaa atacagcaca	60
aagctgagaa aaagggaaca gaaaattatc aaagtcaaac cctacacaaa gttattagaa	120
gagaaaaaca ctacagaaaag acacgctcaa aaaaacagaa caaatctgaa acatggtaag	180
acccctctcc acaaaaaana naaaaaaaaa angnttttaa aaacnt	226

<210> 1710

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1710

agcctctgat catcaagaca tggcagaata caaagacaag tcacaggcta gctgaagata	60
tttgcaatac ataaatccag caaagactta tatccagagt atataaagaa gttctgtaaa	120
tcagtgagaa aaaagacaaa ccccccaatt aagaatagtc aaaagatttg aacaggcact	180
tgacaaaagg ggggtattga aatggccaat aaacacataa tcattactta tcacagaaaa	240
gcaaattaaa aacagaaaga gataccacaa cctcctcccc agaattgtcta tatggaaaca	300

<210> 1711

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1711

gaaacagttg gctattcatc atcttcggca cttatgacaa cattaacaca gaatgccagt	60
tcatacagcag ccgactcacg gagggtcgca aagagcaaaa acaacaacaa gtcttcaagc	120
cagcagtcac catcttctc ctctcttct tcttatcat cgtgttcttc atcatcaact	180
gttggtacaag aaatctctca acaacaact gtagtgccag aatctgattc aaatagtcag	240
gttgattgga cttacgacct aaatgaacct cgatactgca ttgtaatca ggtatcttat	300

<210> 1712

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1712

ctaaaagaaa atttatattc taatttttat ttgttgcccta tgtttcataa tttttaatct	60
aaggctcttt tagaaatgtt tgtagtgcca aatgagtgct cacaatatgg taaacacatg	120
ggagatttct ttttttttaa attttatttc catacgttat tggggatcag gtggtgtttg	180
gttacatgag taagttcttt agtggtgatt tgtgagattt tgggtgcacc atcacctgaa	240
cagtatatac tgcactccag cctgggcaac agagcagact ccatctcaaa acaaacacac	300

<210> 1713

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1713

caccgccagg ccagctgtca ggaaacaggg gctctaggcc cagcttcacc acttaggagc	60
tatggctttg ttcagaaaca ttgtgactct cttaccacaa cattcctctg ctggaagggg	120
agattgacaa accagcatca tctctaattt actacaaaag cctcactgg aaattattct	180
taacttagca gctggttaga tccattaaaa aaaaaagtaa gttagactgt gttactctgc	240
tgtctaaagc cctgcagtgc ctctcattt tacctagcgt aaaaccta aa gtcctttcca	300

<210> 1714  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1714  
 cccttctgag cctgtccatt catcggtggg tctgccccta ctccccccagc cctaaatacc 60  
 ccagctgctg ttcctcccca tcaccagcc accggattct ccattcaccc ctttctctca 120  
 cccctggagc cccgtgggtg ggggcagggc atgagttccc cagtccccaa ggaaaggcag 180  
 cccctcagc ctcctctctc ctcatccct tccatctccc tccctctgc cttttaaacc 240  
 catccctcc gattccctc ctccccctc tctccctggg gtcaactcga ttctgcggt 300

<210> 1715  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1715  
 atgaccttct gcctgttcta tctctgagga cagttgtgat tggatttagg gcccatccag 60  
 ttagtccagg atgatctcat ctcaagatcc taaatctgat tacaattgca aagatccttt 120  
 ttccaaataa ggtcacatgc acgtaagttc cggggattat gcttgctggg gacacatctt 180  
 ttttgaggcc accattcaac ccactacaaa atccaactga agcccagcga agtgggtcat 240  
 gcctgaaatc cccgcactgt gcgaggccaa ggcaggaggg tcacctgagg ccaggagttc 300

<210> 1716  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1716  
 ggagatttca acttaacttg accactgcac tccagcctgg gtgacagagc agagcaagac 60  
 tgtgtctcaa ataaataagt aagtaagtaa gtaaatatcc tgtaggtatc tatgtgactc 120  
 aaggctagtc actttcctat ctatgctcca gttttctcat atttgagaca agagacttga 180  
 ttttagcata aagggtgagag ttgaagtaat gagtgtgaaa gaggaaaggg agaaaacata 240  
 cagagaagag cagaaaacac aagcagctgg taggcagaga atgcagaaat tcaagttaga 300

<210> 1717  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1717  
 cagagttttg agcagagaag tgacactatc agacttaagc attaaaagaa ttgtccaatg 60  
 aatggctgtg ctgaaaatat atttgaggta aagtaagcta gaggcagggg tattgaaatc 120  
 aggctaagag atgtttgtgg tttgaattaa gtggtagcag gaggtgttaa gaattagtca 180  
 cattgtgtat gtattttgaa ggtacaacca acaggatttc caggcaagat agagtgtgat 240  
 gtgaaaaaga aagaaaggag tcagtagtga ctcaggaggt tgtctgagca tccgaagtgt 300

<210> 1718  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1718  
 ctgagacctc gtctctataa aaacaaaaca acaaaacata aacaacaaca acaataact 60  
 atgtgataag cattgggtta ggcactagaa aatagtgtc aaacaacaac aacaacaaca 120



aaacatgatt cttgtctcaa agaatgcaca atgttgggga aagacaacta aaaagtaata 180  
aaacataaag tttgaaggat attatgatag aggaattata ggatacgttc aatcatttga 240  
aatttttgaa tgtcatecctt ttgggtggag caccgagagg gtttgtgaaa aagcttcccc 300

<210> 1719

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1719

gagtggatat gttcgtggag acactgtgga aagtctggac cgagctcttg gatgttcttg 60  
gacttgacgt ctccaacctg tcccagattt tcagcccagc ctcggtgtcc agcagcccgg 120  
cccgcgcgct cctgctggtc ggcgtcgtec tcctggccta ctggttcttg tccctgacct 180  
tgggcttcac tttcagcgtc ctgcacgtgg tggtcgcccg cttcttcttg atcgtgcggg 240  
tcgtcctgtt ttccatgtcc tgcgtgtaca tcctgcacaa gtacgagggc gagccggaga 300

<210> 1720

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1720

ggccagcggg tcgctgcgag tggccttgaa ggcagctgct gcaggtgaag agtaggcggc 60  
ggggcagaga gcggcctccg agggtcacct gaatggttga gcatggacct tgttgctacc 120  
cacagctgcc atctgctcca gcaactgcat gagcagcgaa tccaaggcct gctttgtgac 180  
tgtatgttgg tggtaaaagg agtctgcttt aaagcgcata agaatgtcct ggcagcattc 240  
agccagtatt ttaggtgggt attttagact tcattctcct agctgtgaat taagggtaaa 300

<210> 1721

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1721

gcacaagcca ctgtgcccgg ccaatactgc aaaatatttt aaaaagttaa aattatctct 60  
tctggctggg catagtgggt cacactttta atcccagcac actgggaagc tcagtcagaa 120  
ggattccttg aggccaggag ttcaagatca gtctgggcaa cacagacccc atatctccaa 180  
aaaaataaaa ataaataaat aaaacagtta tcaggctggg agtgggtggc catgcctgta 240  
atcccaccac tttgggaggc tgaggcaggc agatcatgag gtcaagagat caagaccagc 300

<210> 1722

<211> 276

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(276)

<223> n = A,T,C or G

<400> 1722

ggaactccag gcttgccact acccaacccc agcctggctc tgaaaatggt aattgactgt 60  
caggacgggt tgggtggggcg ggggcgaggt tgcagtgagt gagccaagat cacaccactg 120  
cactccagcc tgggtgacagt tcgagattct gtctaaaaaa aaaaaaaaaa anntnggncc 180  
tttaaancn tagggngncn nnttacgtaa atccanacnt gataanannc nttgatnagt 240  
ttggacaanc cacaantaag aangcntnga aaaaaa 276

<210> 1723  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1723  
 acagagcgag actccagttc aaaaaaataa ataaaaatta aaaaataaaa taaaataaaa 60  
 aatttactag gcatccagca ttcattaagg agaataattc agttaaggag gaaaagaatt 120  
 ctgggattct ggggaatttcc ttaaccaata aagagtatgt gtgagaaacc tactgctaac 180  
 atcatactta atggtaaaaag tccaaagatc agcaaaaaga ggatacctgg tctaaacact 240  
 tccactaagc attatactgg aagttctagc tagtgcaata aatgaaagag tacaaagtat 300

<210> 1724  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1724  
 ggaagggagg ttttaaggaag agactgtgga cagaggtggt agggaagggtg tcagagaagg 60  
 ttaaggagcc aacatggatc atgggggtgg tacagtgttg ccagggtctgg ggaggattgg 120  
 ctgcagtgtg ggggtaccag ccgctgccat gtggagaggg acctgtcact cctgctgtga 180  
 actctccctt cttctgccct ctgacctcct gctgggtgcct cccattggct aaacacagtt 240  
 gatggccagt gcactgggga gctgttcttg gagcccacag gcactctgctt cttggcacag 300

<210> 1725  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1725  
 ggtgattggg ctggttctgt accgggtgta ctccgtgggg ggccgtgatc tggcaaagcc 60  
 ttggagggtg gactgtggag gcaccattga ttgaactgtg tcccctgcag ttcacatgtt 120  
 gaggcccaaa cccccagtgt ggctgcattt ggagtagggc agtaattatg gttaaattag 180  
 gtcgtatggg cgggtgctga tccactagga ttaggatcct tataagaacc tgccaccttc 240  
 tctctgccac gtgaggacat gggtagaagg cggctgtctc ccaccagga ggagccctta 300

<210> 1726  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1726  
 caaagctgtt ttataaatta gggagaagag tgaggagaga ggaataggat agacgaagg 60  
 agagagaggg agcagtggag aagaaaacct cagagtgagg caaaggaaga ggtgtgaagg 120  
 ggaaaagaag tggcgatggc agggaagagc ccctggccat gagagagact ggggggagtg 180  
 ggaaggaagg gaagttatgg ggcagggggc acagagcaga gaacaagaga gtaaggctag 240  
 agagatgaaa gaaacagtga gactgagcta agaagagcga tctcacgctt aagagacaga 300

<210> 1727  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)

<223> n = A,T,C or G

<400> 1727

cccctctcca	cattgacctc	tagagtggcc	tgtccaactc	ctaagtccaa	ccttcccaca	60
cgggacagaa	agctttttac	tggccccgtt	gctccccggg	gaggcctaaa	cacttgatga	120
tgatgaagat	gaagatgtga	tgatggtagc	catcacacag	ctctcccatg	taaccctcac	180
gacaaccctg	caaggcaa	agcatcacca	tccttatttg	gcaaataaaa	agctgatggc	240
tcagagaagg	taaatagact	gccaangng	actgagccag	tattgccaca	nacaggctcc	300

<210> 1728

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1728

ctccattgtg	aagatccagg	cattttttccg	agccaggaaa	gccaagatg	actacaggat	60
attagtgc	gcacccacc	ctcctctcag	tgtggtacgc	agatttgccc	atctcttgaa	120
tcaaagccag	caagacttct	ctgctgctgt	gatctgcaca	ccctccaacc	tgggcaggga	180
ctggggggat	gcagtgtgtg	ttagtgcaca	tgtggcattg	tggcactgtt	gccccccatg	240
gcggcatggg	caagatgacc	ttccattagc	ttcaagtctt	gttctcttgt	ctgtggtctg	300

<210> 1729

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1729

gatctctttt	gaggtgatgg	tgctggccga	gctgtttctg	gagatgctcc	agagggattt	60
tggctataga	gtttataaga	tgctactgag	ccttcttgaa	aaggctgtgt	ccccacctga	120
acctgagaag	gaggaggcgg	ccaaggaaga	agccaccaag	gaggaagaag	ccatcaaaga	180
ggaggtggtc	aaggagccca	aggatgaggg	acagaatgag	ggcccggtta	cagagtcaga	240
ggccccgctg	aaggaggatg	ggcttttgcc	caaaccactc	tcttctgggg	gagaggaaga	300

<210> 1730

<211> 271

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (271)

<223> n = A,T,C or G

<400> 1730

agacaatccc	aaatatttgg	agattgtctt	aactggttta	gtgtagctat	aaaagaatac	60
atgaagctgg	ataatttatg	aagaaaagag	gtttatttgg	ctcacagttc	tataggctat	120
acgagatgca	tcattgccacc	attttctctg	agcccttcag	gaagcttcca	ctcatggcag	180
aagggtgaag	gcagccagca	tgttcagtga	tcacgtgggtg	agaggggaag	caagagagan	240
aanaggggag	ggncacgctc	tattnagtac	c			271

<210> 1731

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1731

cagttcacag	tattaccctc	agtgcaccag	aattcctttc	tatccatata	ctcaccagca	60
cttggttactg	aactctagtt	tttgccaatt	tgatgggtgt	gaaatggcat	cttattgtga	120
tttttaattt	ttctcattac	ttacaaagt	catcatgtct	cctagccctt	tgggtttcct	180
gttcaatgtc	aatttcctat	ttatgtattg	gccacataa	aaaatattgc	atagtctatt	240
ttaaaatgat	ttataggggc	tctttacata	ttctgggtac	taattattcc	ttatgtgtga	300

<210> 1732  
 <211> 295  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (295)  
 <223> n = A,T,C or G

ctggacgcct	ntaatgcgan	aanngncccc	ngtttaacag	accngcaa	at	ccgggngcgg	60
aacangaccc	nngggtttcc	tnttgntccc	tngttngggg	gcggtggntg	gggctgtncg		120
gccaanng	ganttgnttt	ttttangntt	taaaananga	ttttaaaant	cannnnnnng		180
tttttttttn	tttttttttt	tttttaattc	tgaaacagac	ctgtttttgta	ccgagttatt		240
tttgggataa	attttactgg	ttgctgttgt	ggagaagggtg	gcgttttccac	ctttt		295

<210> 1733  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

atgggggtata	gatggttttc	cccctgtgta	ctctagtaaa	tttctatgcc	attttctecta	60
tcgatctgcc	ttttgtcagt	tgattttttca	gcttaacttc	agagagcaaa	ggggaagggtg	120
gccaagtgc	gtgtctcatg	cctgtaatcc	cagcactgtg	ggaagctgag	gcaggcagat	180
cacttgaagt	caggagttca	agaccagcct	ggccaacatg	gtgaaaccct	atctttacta	240
taaagaaaaa	taagtcgagt	gtgggtgggtgc	acacttgtaa	tcccagctac	tcaggagggt	300

<210> 1734  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

ggggggttccc	aatagtagaa	agggtcccca	ttcctgctca	gcaccgcacc	tctctacccc	60
cccacagaca	cacatgcaga	cacacacatg	cagacaacac	gcagacacac	acatgcaggc	120
actcacatgc	aggcccatgc	acacacacgt	gcacacacat	gcagagacat	gcagacacgc	180
aggcacacat	gcacacatgc	aaagacacgc	atgcaggcac	acgcagacgc	acacagagac	240
acacatgcag	atacacatgc	acacacacat	acacacactg	gccctgtttt	ttctgtgggtg	300

<210> 1735  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

gcttgatcgt	ctgggcctgt	gtttcagctg	ggataggatt	ctcaatectt	cttgttcaaa	60
tccgaagtcc	agaaagctct	gaaaactgaa	agtttttttca	taatttattt	cactgtaaaa	120
cctgaattga	actgatattt	atctcactaa	aaatgattat	tcatatattt	tactgtaaga	180

atagtaaaat taccaagtaa tatcccagac ctagttagat aaatgcacta ttttctttta 240  
atttcaaaac aatcttaatt ctgaggcaca tttggctgac agcatttcag ataagggatt 300

<210> 1736  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1736  
tcctatttta cgtggttgtt gagaggatcc gatggaatga ctagctgaaa gtgtttgtaa 60  
aagtcaggat aagtaaagca atgctgcagg aacaaacaat ccccaaattt cagcagctta 120  
ctacaaaaaa atatgtattt ctactcatg ttcattgtcca atgtgtgtta gcaaggagat 180  
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<212> DNA  
<213> Homo sapiens

<400> 1737  
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<212> DNA  
<213> Homo sapiens

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taaataaaca aacaaaagta gcagattagc tgggctgtgt gttgcatacc tatagtccca 240  
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<210> 1739  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1739  
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gaatactttt gcacagggtat gtgaacacat gtacacattg cagttggtat atatacagta 180  
ctgaattact ggcttataaa tatcattaaa ttttaaaaac aaaattaatt gccacaagca 240  
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<210> 1740  
<211> 300  
<212> DNA  
<213> Homo sapiens

&lt;400&gt; 1740

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gtgatgcaaa aacatgatcc atagaagaaa gaaatctgta aattggactt tatcataatt	240
aaaaacattt gctttgcaaa atgcctgtt aagatgatga aaaaacaaac tacatactgg	300

&lt;210&gt; 1741

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1741

caaataggag atgggttttt tttcgggggg gagggaagga acagctttgc attaacaact	60
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gaatttattt ccacttctcg ctttcatttt tatttggtac gtattctcaa agttctctcc	180
tagtagaaga atgaaccaga aatgaacata agcatgtcgg aattcacgta tgtggcagac	240
tgtattttcc aaagatggcc acaacaatat ttctcattcc acatggtctg ctggaacctt	300

&lt;210&gt; 1742

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1742

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gcaaccctg gtgaagaagg ttgaatttgg aactgacaca cttaacattt acttggatga	240
gctcattaag aacactcaga cttacacctt caccatcagc canagtgtgc tggtcaccaa	300

&lt;210&gt; 1743

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1743

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tgagtttgct ttgggatatg ttgagttccc aaactcatca tgaggtgagg cttccaggta	240
gcaaataaat cacttgagac caggagttga ggagcagcct ggacaacata gcaagacccc	300

&lt;210&gt; 1744

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1744

caaaaagtta aaattttatt tttctctcat gtaacatttt ggataatttg atgattccct	60
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ggggatgact	ctgaagctgc	gtgcaccctg	ttcattcaca	ttttcttggc	ctgaacttag	180
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&lt;210&gt; 1745

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1745

aagtctcact	ctcatttgtg	ctttctccat	cccatttccc	ttccccctttt	aggcaaccat	60
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&lt;210&gt; 1746

&lt;211&gt; 183

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1746

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ctcaagttgg	atattcatga	gtgaaataaa	tgactgttac	taagtaaaaa	aaaaaaaaaa	180
aaa						183

&lt;210&gt; 1747

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1747

gagaaacact	cagggcctga	accaaggaat	taactgtgat	tggagaggag	aggcagcagc	60
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caaagttgag	aatttactgt	atgctgggga	ctctataaga	ggctttatct	ttattatgtc	240
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&lt;210&gt; 1748

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1748

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&lt;210&gt; 1749

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1749

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&lt;210&gt; 1750

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1750

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caacaaaaca	ttaacaagtg	aagtaaacia	tatataaaag	gataatactg	catgaccaag	180
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aatattatta	ataaaataaa	ggagaacaat	aatatgatca	tctcagtgtg	taaaataaaa	300

&lt;210&gt; 1751

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1751

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&lt;210&gt; 1752

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1752

gttaaaagaa	taaaaaagaa	taattgaagc	cttcgagaca	tatgggatac	tataaagcca	60
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&lt;210&gt; 1753

&lt;211&gt; 295

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1753

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&lt;210&gt; 1754



<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1754  
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<210> 1755  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1755  
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 cctgtgacag ggtgggaaag atttggactg gaagcagggg ttaccaagag ggggtgagaaa 180  
 acttttgaag gtgatgaata tgtacattgt cttcattgct ttgatgggtt tacaggtgta 240  
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<210> 1756  
 <211> 294  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
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 <223> n = A,T,C or G

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 acacgtgaag ggacggtcag gggaaagcggc agcgagaggg tgctgtctac agccacagag 240  
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<210> 1757  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1757  
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<210> 1758  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 1758

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&lt;210&gt; 1759

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1759

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&lt;210&gt; 1760

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1760

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&lt;210&gt; 1761

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1761

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&lt;210&gt; 1762

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1762

ggaagtacaa	attaagatca	cagtgaagata	ccattatcca	cttgtcacaa	tggctaaaaat	60
aaacaatagt	ggcaatacca	agtcctgtga	aggatgtgga	gaaatggatc	acttatacac	120
tgctgggtgg	catgtaaaaat	ggtacaacca	gtctgaaaag	cagtttggca	gtttcttata	180
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acccaaaccc	tcaaggtgat	ggttttagga	gggtaggccc	tttgggagat	tagtttctga	300

&lt;210&gt; 1763